

dm.name	dm.value	model	risktype	bmr	constvar	n	mean	sd	param
appl.dose	0, 33, 330	power	standard	1	FALSE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	-2.9, 1.5, 1
appl.dose	0, 33, 330	power	standard	1	TRUE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	0.13, NA, 1
appl.dose	0, 33, 330	power	standard	1	FALSE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	-2.9, 1.4, 1
appl.dose	0, 33, 330	power	standard	1	TRUE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	0.13, NA, 1
appl.dose	0, 33, 330	polynomial	standard	1	FALSE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	-2.9, 1.4, 1
appl.dose	0, 33, 330	polynomial	standard	1	TRUE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	0.13, NA, 1
appl.dose	0, 33, 330	power	standard	0.5	FALSE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	-2.9, 1.5, 1
appl.dose	0, 33, 330	power	standard	0.5	TRUE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	0.13, NA, 1
appl.dose	0, 33, 330	power	standard	0.5	FALSE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	-2.9, 1.4, 1
appl.dose	0, 33, 330	power	standard	0.5	TRUE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	0.13, NA, 1
appl.dose	0, 33, 330	polynomial	standard	0.5	FALSE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	-2.9, 1.4, 1
appl.dose	0, 33, 330	polynomial	standard	0.5	TRUE	15, 5, 10	1.4, 1.7, 2.	0.31, 0.38,	0.13, NA, 1
appl.dose	0, 10, 100,	power	standard	1	FALSE	16, 14, 16,	110, 94, 12	14, 12, 8.7	-1.1, 1.4, 1
appl.dose	0, 10, 100,	power	standard	1	TRUE	16, 14, 16,	110, 94, 12	14, 12, 8.7	190, NA, 1
appl.dose	0, 10, 100,	power	standard	1	FALSE	16, 14, 16,	110, 94, 12	14, 12, 8.7	-1.1, 1.4, 1
appl.dose	0, 10, 100,	power	standard	1	TRUE	16, 14, 16,	110, 94, 12	14, 12, 8.7	190, NA, 1
appl.dose	0, 10, 100,	polynomial	standard	1	FALSE	16, 14, 16,	110, 94, 12	14, 12, 8.7	-2.6, 1.7, 1
appl.dose	0, 10, 100,	polynomial	standard	1	TRUE	16, 14, 16,	110, 94, 12	14, 12, 8.7	190, NA, 1
appl.dose	0, 10, 100,	hill	standard	1	FALSE	16, 14, 16,	110, 94, 12	14, 12, 8.7	-1.1, 1.4, 1
appl.dose	0, 10, 100,	hill	standard	1	TRUE	16, 14, 16,	110, 94, 12	14, 12, 8.7	190, NA, 1
appl.dose	0, 10, 100,	power	relative	0.1	FALSE	16, 14, 16,	110, 94, 12	14, 12, 8.7	-1.1, 1.4, 1
appl.dose	0, 10, 100,	power	relative	0.1	TRUE	16, 14, 16,	110, 94, 12	14, 12, 8.7	190, NA, 1
appl.dose	0, 10, 100,	power	relative	0.1	FALSE	16, 14, 16,	110, 94, 12	14, 12, 8.7	-1.1, 1.4, 1
appl.dose	0, 10, 100,	power	relative	0.1	TRUE	16, 14, 16,	110, 94, 12	14, 12, 8.7	190, NA, 1
appl.dose	0, 10, 100,	polynomial	relative	0.1	FALSE	16, 14, 16,	110, 94, 12	14, 12, 8.7	-2.6, 1.7, 1
appl.dose	0, 10, 100,	polynomial	relative	0.1	TRUE	16, 14, 16,	110, 94, 12	14, 12, 8.7	190, NA, 1
appl.dose	0, 10, 100,	hill	relative	0.1	FALSE	16, 14, 16,	110, 94, 12	14, 12, 8.7	-1.1, 1.4, 1
appl.dose	0, 10, 100,	hill	relative	0.1	TRUE	16, 14, 16,	110, 94, 12	14, 12, 8.7	190, NA, 1
appl.dose	0, 12, 38,	power	standard	1	FALSE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	13, -3.8, 16
appl.dose	0, 12, 38,	power	standard	1	TRUE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	14, NA, 16
appl.dose	0, 12, 38,	power	standard	1	FALSE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	12, -3.5, 16
appl.dose	0, 12, 38,	power	standard	1	TRUE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	14, NA, 15
appl.dose	0, 12, 38,	polynomial	standard	1	FALSE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	12, -3.5, 16
appl.dose	0, 12, 38,	polynomial	standard	1	TRUE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	14, NA, 15
appl.dose	0, 12, 38,	hill	standard	1	FALSE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	13, -4, 16,
appl.dose	0, 12, 38,	hill	standard	1	TRUE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	14, NA, 16
appl.dose	0, 12, 38,	power	relative	0.1	FALSE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	13, -3.8, 16
appl.dose	0, 12, 38,	power	relative	0.1	TRUE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	14, NA, 16
appl.dose	0, 12, 38,	power	relative	0.1	FALSE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	12, -3.5, 16
appl.dose	0, 12, 38,	power	relative	0.1	TRUE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	14, NA, 15
appl.dose	0, 12, 38,	polynomial	relative	0.1	FALSE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	12, -3.5, 16
appl.dose	0, 12, 38,	polynomial	relative	0.1	TRUE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	14, NA, 15
appl.dose	0, 12, 38,	hill	relative	0.1	FALSE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	13, -4, 16,
appl.dose	0, 12, 38,	hill	relative	0.1	TRUE	25, 27, 27,	16, 15, 14,	3, 3, 4, 5	14, NA, 16
appl.dose	0, 480, 630	power	standard	1	FALSE	11, 12, 11,	20, 14, 10,	5, 3.8, 6.6,	3.6, -0.14,
appl.dose	0, 480, 630	power	standard	1	TRUE	11, 12, 11,	20, 14, 10,	5, 3.8, 6.6,	28, NA, 20
appl.dose	0, 480, 630	power	standard	1	FALSE	11, 12, 11,	20, 14, 10,	5, 3.8, 6.6,	3.6, -0.14,
appl.dose	0, 480, 630	power	standard	1	TRUE	11, 12, 11,	20, 14, 10,	5, 3.8, 6.6,	28, NA, 20
appl.dose	0, 480, 630	polynomial	standard	1	FALSE	11, 12, 11,	20, 14, 10,	5, 3.8, 6.6,	3.7, -0.18,
appl.dose	0, 480, 630	polynomial	standard	1	TRUE	11, 12, 11,	20, 14, 10,	5, 3.8, 6.6,	28, NA, 20
appl.dose	0, 480, 630	hill	standard	1	FALSE	11, 12, 11,	20, 14, 10,	5, 3.8, 6.6,	3.7, -0.2, 1

appl.dose	0, 480, 630	hill	standard	1	TRUE	11, 12, 11, 20, 14, 10, 5, 3.8, 6.6, 27, NA, 19
appl.dose	0, 480, 630	power	relative	0.1	FALSE	11, 12, 11, 20, 14, 10, 5, 3.8, 6.6, 3.6, -0.14,
appl.dose	0, 480, 630	power	relative	0.1	TRUE	11, 12, 11, 20, 14, 10, 5, 3.8, 6.6, 28, NA, 20
appl.dose	0, 480, 630	power	relative	0.1	FALSE	11, 12, 11, 20, 14, 10, 5, 3.8, 6.6, 3.6, -0.14,
appl.dose	0, 480, 630	power	relative	0.1	TRUE	11, 12, 11, 20, 14, 10, 5, 3.8, 6.6, 28, NA, 20
appl.dose	0, 480, 630	polynomial	relative	0.1	FALSE	11, 12, 11, 20, 14, 10, 5, 3.8, 6.6, 3.7, -0.18,
appl.dose	0, 480, 630	polynomial	relative	0.1	TRUE	11, 12, 11, 20, 14, 10, 5, 3.8, 6.6, 28, NA, 20
appl.dose	0, 480, 630	hill	relative	0.1	FALSE	11, 12, 11, 20, 14, 10, 5, 3.8, 6.6, 3.7, -0.2, 1
appl.dose	0, 480, 630	hill	relative	0.1	TRUE	11, 12, 11, 20, 14, 10, 5, 3.8, 6.6, 27, NA, 19
appl.dose	0, 140, 290	power	standard	1	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.5, 0.52, 6
appl.dose	0, 140, 290	power	standard	1	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 6
appl.dose	0, 140, 290	power	standard	1	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.5, 0.52, 6
appl.dose	0, 140, 290	power	standard	1	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 6
appl.dose	0, 140, 290	polynomial	standard	1	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.5, 0.51, 6
appl.dose	0, 140, 290	polynomial	standard	1	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 6
appl.dose	0, 140, 290	hill	standard	1	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.4, 0.52, 7
appl.dose	0, 140, 290	hill	standard	1	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 7
appl.dose	0, 140, 290	power	absolute	15	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.5, 0.52, 6
appl.dose	0, 140, 290	power	absolute	15	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 6
appl.dose	0, 140, 290	power	absolute	15	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.5, 0.52, 6
appl.dose	0, 140, 290	power	absolute	15	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 6
appl.dose	0, 140, 290	polynomial	absolute	15	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.5, 0.51, 6
appl.dose	0, 140, 290	polynomial	absolute	15	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 6
appl.dose	0, 140, 290	hill	absolute	15	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.4, 0.52, 7
appl.dose	0, 140, 290	hill	absolute	15	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 7
appl.dose	0, 140, 290	power	absolute	10	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.5, 0.52, 6
appl.dose	0, 140, 290	power	absolute	10	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 6
appl.dose	0, 140, 290	power	absolute	10	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.5, 0.52, 6
appl.dose	0, 140, 290	power	absolute	10	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 6
appl.dose	0, 140, 290	polynomial	absolute	10	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.5, 0.51, 6
appl.dose	0, 140, 290	polynomial	absolute	10	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 6
appl.dose	0, 140, 290	hill	absolute	10	FALSE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 143.4, 0.52, 7
appl.dose	0, 140, 290	hill	absolute	10	TRUE	8, 9, 9, 10, 7.8, 7.9, 129.9, 8.4, 1440, NA, 7
appl.dose	0, 72, 190,	power	standard	1	FALSE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.31, -0.42
appl.dose	0, 72, 190,	power	standard	1	TRUE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.83, NA, 3
appl.dose	0, 72, 190,	power	standard	1	FALSE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.31, -0.42
appl.dose	0, 72, 190,	power	standard	1	TRUE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.83, NA, 3
appl.dose	0, 72, 190,	polynomial	standard	1	FALSE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.21, -0.34
appl.dose	0, 72, 190,	polynomial	standard	1	TRUE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.83, NA, 3
appl.dose	0, 72, 190,	hill	standard	1	FALSE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.31, -0.42
appl.dose	0, 72, 190,	hill	standard	1	TRUE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.83, NA, 3
appl.dose	0, 72, 190,	power	standard	0.5	FALSE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.31, -0.42
appl.dose	0, 72, 190,	power	standard	0.5	TRUE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.83, NA, 3
appl.dose	0, 72, 190,	power	standard	0.5	FALSE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.31, -0.42
appl.dose	0, 72, 190,	power	standard	0.5	TRUE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.83, NA, 3
appl.dose	0, 72, 190,	polynomial	standard	0.5	FALSE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.21, -0.34
appl.dose	0, 72, 190,	polynomial	standard	0.5	TRUE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.83, NA, 3
appl.dose	0, 72, 190,	hill	standard	0.5	FALSE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.31, -0.42
appl.dose	0, 72, 190,	hill	standard	0.5	TRUE	39, 20, 20, 3.5, 3.4, 3.094, 0.89, 0.83, NA, 3
appl.dose	0, 72, 190,	power	standard	1	FALSE	39, 20, 20, 10, 10, 9.42.2, 1.5, 1.9.7, -3.6, 1
appl.dose	0, 72, 190,	power	standard	1	TRUE	39, 20, 20, 10, 10, 9.42.2, 1.5, 1.4.4, NA, 10
appl.dose	0, 72, 190,	power	standard	1	FALSE	39, 20, 20, 10, 10, 9.42.2, 1.5, 1.9.7, -3.6, 1

appl.dose	0, 72, 190, hill	relative	0.1	TRUE	17, 6, 8, 6	29, 24, 25, 3.4, 3, 1.8, 7.9, NA, 29
appl.dose	0, 72, 190, power	relative	0.05	FALSE	17, 6, 8, 6	29, 24, 25, 3.4, 3, 1.8, -13, 4.6, 29
appl.dose	0, 72, 190, power	relative	0.05	TRUE	17, 6, 8, 6	29, 24, 25, 3.4, 3, 1.8, 7.9, NA, 29
appl.dose	0, 72, 190, power	relative	0.05	FALSE	17, 6, 8, 6	29, 24, 25, 3.4, 3, 1.8, -18, 6.3, 29
appl.dose	0, 72, 190, power	relative	0.05	TRUE	17, 6, 8, 6	29, 24, 25, 3.4, 3, 1.8, 9.4, NA, 29
appl.dose	0, 72, 190, polynomial	relative	0.05	FALSE	17, 6, 8, 6	29, 24, 25, 3.4, 3, 1.8, -18, 6.3, 29
appl.dose	0, 72, 190, polynomial	relative	0.05	TRUE	17, 6, 8, 6	29, 24, 25, 3.4, 3, 1.8, 9.4, NA, 29
appl.dose	0, 72, 190, hill	relative	0.05	FALSE	17, 6, 8, 6	29, 24, 25, 3.4, 3, 1.8, -13, 4.5, 29
appl.dose	0, 72, 190, hill	relative	0.05	TRUE	17, 6, 8, 6	29, 24, 25, 3.4, 3, 1.8, 7.9, NA, 29
appl.dose	0, 50, 150, power	standard	1	FALSE	8, 8, 8, 8	0.13, 0, 0.20.35, 0, 0.7-0.084, 0.8
appl.dose	0, 50, 150, power	standard	1	TRUE	8, 8, 8, 8	0.13, 0, 0.20.35, 0, 0.70.26, NA, (
appl.dose	0, 50, 150, power	standard	1	FALSE	8, 8, 8, 8	0.13, 0, 0.20.35, 0, 0.7-0.47, 0.57
appl.dose	0, 50, 150, power	standard	1	TRUE	8, 8, 8, 8	0.13, 0, 0.20.35, 0, 0.70.26, NA, (
appl.dose	0, 50, 150, polynomial	standard	1	FALSE	8, 8, 8, 8	0.13, 0, 0.20.35, 0, 0.7-0.0056, 0.
appl.dose	0, 50, 150, polynomial	standard	1	TRUE	8, 8, 8, 8	0.13, 0, 0.20.35, 0, 0.70.26, NA, (
appl.dose	0, 50, 150, hill	standard	1	FALSE	8, 8, 8, 8	0.13, 0, 0.20.35, 0, 0.70.059, 1, 0
appl.dose	0, 50, 150, hill	standard	1	TRUE	8, 8, 8, 8	0.13, 0, 0.20.35, 0, 0.70.26, NA, (
appl.dose	0, 50, 150, power	standard	1	FALSE	8, 8, 8, 8, 8	0.73, 0.73, 0.1, 0.16, (-3.3, 3.4, 0
appl.dose	0, 50, 150, power	standard	1	TRUE	8, 8, 8, 8, 8	0.73, 0.73, 0.1, 0.16, (0.015, NA,
appl.dose	0, 50, 150, power	standard	1	FALSE	8, 8, 8, 8, 8	0.73, 0.73, 0.1, 0.16, (-3.3, 3.6, 0
appl.dose	0, 50, 150, power	standard	1	TRUE	8, 8, 8, 8, 8	0.73, 0.73, 0.1, 0.16, (0.015, NA,
appl.dose	0, 50, 150, polynomial	standard	1	FALSE	8, 8, 8, 8, 8	0.73, 0.73, 0.1, 0.16, (-3.3, 3.6, 0
appl.dose	0, 50, 150, polynomial	standard	1	TRUE	8, 8, 8, 8, 8	0.73, 0.73, 0.1, 0.16, (0.015, NA,
appl.dose	0, 50, 150, hill	standard	1	FALSE	8, 8, 8, 8, 8	0.73, 0.73, 0.1, 0.16, (-3.4, 3, 0.7
appl.dose	0, 50, 150, hill	standard	1	TRUE	8, 8, 8, 8, 8	0.73, 0.73, 0.1, 0.16, (0.015, NA,
appl.dose	0, 0.37, 3.7 power	standard	1	FALSE	5, 5, 5	2500, 180(230, 390, 9-9.9, 2.8, 2
appl.dose	0, 0.37, 3.7 power	standard	1	TRUE	5, 5, 5	2500, 180(230, 390, 957000, NA
appl.dose	0, 0.37, 3.7 power	standard	1	FALSE	5, 5, 5	2500, 180(230, 390, 9-17, 3.8, 2
appl.dose	0, 0.37, 3.7 power	standard	1	TRUE	5, 5, 5	2500, 180(230, 390, 9110000, N.
appl.dose	0, 0.37, 3.7 polynomial	standard	1	FALSE	5, 5, 5	2500, 180(230, 390, 9-17, 3.8, 2
appl.dose	0, 0.37, 3.7 polynomial	standard	1	TRUE	5, 5, 5	2500, 180(230, 390, 9110000, N.
appl.dose	0, 0.37, 3.7 power	standard	1	FALSE	5, 5, 5	2000, 120(470, 220, 1-7.1, 2.5, 2
appl.dose	0, 0.37, 3.7 power	standard	1	TRUE	5, 5, 5	2000, 120(470, 220, 181000, NA
appl.dose	0, 0.37, 3.7 power	standard	1	FALSE	5, 5, 5	2000, 120(470, 220, 1-16, 3.9, 16
appl.dose	0, 0.37, 3.7 power	standard	1	TRUE	5, 5, 5	2000, 120(470, 220, 1160000, N.
appl.dose	0, 0.37, 3.7 polynomial	standard	1	FALSE	5, 5, 5	2000, 120(470, 220, 1-16, 3.9, 16
appl.dose	0, 0.37, 3.7 polynomial	standard	1	TRUE	5, 5, 5	2000, 120(470, 220, 1170000, N.
appl.dose	0, 0.37, 3.7 power	standard	1	FALSE	13, 12, 12	0.35, 0.58, 0.18, 0.14, -3.9, -0.32,
appl.dose	0, 0.37, 3.7 power	standard	1	TRUE	13, 12, 12	0.35, 0.58, 0.18, 0.14, 0.026, NA,
appl.dose	0, 0.37, 3.7 power	standard	1	FALSE	13, 12, 12	0.35, 0.58, 0.18, 0.14, -3.8, -0.52,
appl.dose	0, 0.37, 3.7 power	standard	1	TRUE	13, 12, 12	0.35, 0.58, 0.18, 0.14, 0.033, NA,
appl.dose	0, 0.37, 3.7 polynomial	standard	1	FALSE	13, 12, 12	0.35, 0.58, 0.18, 0.14, -3.8, -0.52,
appl.dose	0, 0.37, 3.7 polynomial	standard	1	TRUE	13, 12, 12	0.35, 0.58, 0.18, 0.14, 0.033, NA,
appl.dose	0, 0.37, 3.7 power	standard	1	FALSE	12, 12, 12	0.21, 0.27, 0.18, 0.22, -2.8, 0.38,
appl.dose	0, 0.37, 3.7 power	standard	1	TRUE	12, 12, 12	0.21, 0.27, 0.18, 0.22, 0.037, NA,
appl.dose	0, 0.37, 3.7 power	standard	1	FALSE	12, 12, 12	0.21, 0.27, 0.18, 0.22, -3.2, 0.075
appl.dose	0, 0.37, 3.7 power	standard	1	TRUE	12, 12, 12	0.21, 0.27, 0.18, 0.22, 0.037, NA,
appl.dose	0, 0.37, 3.7 polynomial	standard	1	FALSE	12, 12, 12	0.21, 0.27, 0.18, 0.22, -3.2, 0.075
appl.dose	0, 0.37, 3.7 polynomial	standard	1	TRUE	12, 12, 12	0.21, 0.27, 0.18, 0.22, 0.037, NA,
appl.dose	0, 0.61, 1.9 power	standard	1	FALSE	5, 5, 5	2500, 180(230, 390, 9-9.9, 2.8, 2
appl.dose	0, 0.61, 1.9 power	standard	1	TRUE	5, 5, 5	2500, 180(230, 390, 957000, NA
appl.dose	0, 0.61, 1.9 power	standard	1	FALSE	5, 5, 5	2500, 180(230, 390, 9-12, 3.1, 2

appl.dose	0, 0.61, 1.5	power	standard	1	TRUE	5, 5, 5	2500, 180(230, 390, 66000, NA
appl.dose	0, 0.61, 1.5	polynomial	standard	1	FALSE	5, 5, 5	2500, 180(230, 390, -12, 3.1, 2
appl.dose	0, 0.61, 1.5	polynomial	standard	1	TRUE	5, 5, 5	2500, 180(230, 390, 66000, NA
appl.dose	0, 0.61, 1.5	power	standard	1	FALSE	5, 5, 5	2000, 120(470, 220, 1-7.1, 2.5, 2
appl.dose	0, 0.61, 1.5	power	standard	1	TRUE	5, 5, 5	2000, 120(470, 220, 181000, NA
appl.dose	0, 0.61, 1.5	power	standard	1	FALSE	5, 5, 5	2000, 120(470, 220, 1-13, 3.3, 17
appl.dose	0, 0.61, 1.5	power	standard	1	TRUE	5, 5, 5	2000, 120(470, 220, 1120000, N.
appl.dose	0, 0.61, 1.5	polynomial	standard	1	FALSE	5, 5, 5	2000, 120(470, 220, 1-13, 3.3, 17
appl.dose	0, 0.61, 1.5	polynomial	standard	1	TRUE	5, 5, 5	2000, 120(470, 220, 1110000, N.
appl.dose	0, 0.61, 1.5	power	standard	1	FALSE	13, 12, 12	0.35, 0.58, 0.18, 0.14, -68, -93, 0.
appl.dose	0, 0.61, 1.5	power	standard	1	TRUE	13, 12, 12	0.35, 0.58, 0.18, 0.14, 0.026, NA,
appl.dose	0, 0.61, 1.5	power	standard	1	FALSE	13, 12, 12	0.35, 0.58, 0.18, 0.14, -3.5, -0.02,
appl.dose	0, 0.61, 1.5	power	standard	1	TRUE	13, 12, 12	0.35, 0.58, 0.18, 0.14, 0.031, NA,
appl.dose	0, 0.61, 1.5	polynomial	standard	1	FALSE	13, 12, 12	0.35, 0.58, 0.18, 0.14, -3.5, -0.02,
appl.dose	0, 0.61, 1.5	polynomial	standard	1	TRUE	13, 12, 12	0.35, 0.58, 0.18, 0.14, 0.031, NA,
appl.dose	0, 0.61, 1.5	power	standard	1	FALSE	12, 12, 12	0.21, 0.27, 0.18, 0.22, -2.8, 0.38,
appl.dose	0, 0.61, 1.5	power	standard	1	TRUE	12, 12, 12	0.21, 0.27, 0.18, 0.22, 0.037, NA,
appl.dose	0, 0.61, 1.5	power	standard	1	FALSE	12, 12, 12	0.21, 0.27, 0.18, 0.22, -2.9, 0.31,
appl.dose	0, 0.61, 1.5	power	standard	1	TRUE	12, 12, 12	0.21, 0.27, 0.18, 0.22, 0.037, NA,
appl.dose	0, 0.61, 1.5	polynomial	standard	1	FALSE	12, 12, 12	0.21, 0.27, 0.18, 0.22, -2.9, 0.31,
appl.dose	0, 0.61, 1.5	polynomial	standard	1	TRUE	12, 12, 12	0.21, 0.27, 0.18, 0.22, 0.037, NA,
appl.dose	0, 72, 190,	power	standard	1	FALSE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 -1.7, 2.5, 1
appl.dose	0, 72, 190,	power	standard	1	TRUE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 340, NA, 1
appl.dose	0, 72, 190,	power	standard	1	FALSE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 -1.7, 2.5, 1
appl.dose	0, 72, 190,	power	standard	1	TRUE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 340, NA, 1
appl.dose	0, 72, 190,	polynomial	standard	1	FALSE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 28, -7.6, 19
appl.dose	0, 72, 190,	polynomial	standard	1	TRUE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 340, NA, 1
appl.dose	0, 72, 190,	hill	standard	1	FALSE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 -3.4, 3, 12,
appl.dose	0, 72, 190,	hill	standard	1	TRUE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 330, NA, 1
appl.dose	0, 72, 190,	power	standard	1	FALSE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 -5, 3.7, 9.1
appl.dose	0, 72, 190,	power	standard	1	TRUE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 360, NA, 9
appl.dose	0, 72, 190,	power	standard	1	FALSE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 -3.5, 3.1, 8
appl.dose	0, 72, 190,	power	standard	1	TRUE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 360, NA, 9
appl.dose	0, 72, 190,	polynomial	standard	1	FALSE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 6, -9.8, 8.9
appl.dose	0, 72, 190,	polynomial	standard	1	TRUE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 360, NA, 9
appl.dose	0, 72, 190,	hill	standard	1	FALSE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 -5, 3.7, 9.2
appl.dose	0, 72, 190,	hill	standard	1	TRUE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 360, NA, 9
appl.dose	0, 72, 190,	power	relative	1	FALSE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 -1.7, 2.5, 1
appl.dose	0, 72, 190,	power	relative	1	TRUE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 340, NA, 1
appl.dose	0, 72, 190,	power	relative	1	FALSE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 -1.7, 2.5, 1
appl.dose	0, 72, 190,	power	relative	1	TRUE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 340, NA, 1
appl.dose	0, 72, 190,	polynomial	relative	1	FALSE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 28, -7.6, 19
appl.dose	0, 72, 190,	polynomial	relative	1	TRUE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 340, NA, 1
appl.dose	0, 72, 190,	hill	relative	1	FALSE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 -3.4, 3, 12,
appl.dose	0, 72, 190,	hill	relative	1	TRUE	10, 6, 8, 6	12, 13, 27, 10, 2.6, 26 330, NA, 1
appl.dose	0, 72, 190,	power	relative	1	FALSE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 -5, 3.7, 9.1
appl.dose	0, 72, 190,	power	relative	1	TRUE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 360, NA, 9
appl.dose	0, 72, 190,	power	relative	1	FALSE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 -3.5, 3.1, 8
appl.dose	0, 72, 190,	power	relative	1	TRUE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 360, NA, 9
appl.dose	0, 72, 190,	polynomial	relative	1	FALSE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 6, -9.8, 8.9
appl.dose	0, 72, 190,	polynomial	relative	1	TRUE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 360, NA, 9
appl.dose	0, 72, 190,	hill	relative	1	FALSE	10, 6, 8, 6	9.2, 13, 20 5.1, 11, 24 -5, 3.7, 9.2

appl.dose	0, 72, 190,	hill	relative	1	TRUE	10, 6, 8, 6	9.2, 13, 20	5.1, 11, 24	360, NA, 9
appl.dose	0, 71, 140,	power	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-4, 1.3, 5.2
appl.dose	0, 71, 140,	power	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.24, NA, 5
appl.dose	0, 71, 140,	power	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-5.4, 2.3, 5
appl.dose	0, 71, 140,	power	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.39, NA, 5
appl.dose	0, 71, 140,	polynomial	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-5.4, 2.3, 5
appl.dose	0, 71, 140,	polynomial	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.39, NA, 5
appl.dose	0, 71, 140,	hill	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.4, 0.99,
appl.dose	0, 71, 140,	hill	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
AMetLiv1B	0, 25, 45,	power	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
AMetLiv1B	0, 25, 45,	power	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
AMetLiv1B	0, 25, 45,	power	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
AMetLiv1B	0, 25, 45,	power	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
AMetLiv1B	0, 25, 45,	polynomial	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
AMetLiv1B	0, 25, 45,	polynomial	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
AMetLiv1B	0, 25, 45,	hill	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.5, 1.1, 5
AMetLiv1B	0, 25, 45,	hill	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
TotOxMetz	0, 28, 51,	power	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
TotOxMetz	0, 28, 51,	power	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
TotOxMetz	0, 28, 51,	power	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
TotOxMetz	0, 28, 51,	power	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
TotOxMetz	0, 28, 51,	polynomial	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
TotOxMetz	0, 28, 51,	polynomial	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
TotOxMetz	0, 28, 51,	hill	standard	1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.5, 1.1, 5
TotOxMetz	0, 28, 51,	hill	standard	1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
appl.dose	0, 71, 140,	power	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-4, 1.3, 5.2
appl.dose	0, 71, 140,	power	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.24, NA, 5
appl.dose	0, 71, 140,	power	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-5.4, 2.3, 5
appl.dose	0, 71, 140,	power	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.39, NA, 5
appl.dose	0, 71, 140,	polynomial	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-5.4, 2.3, 5
appl.dose	0, 71, 140,	polynomial	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.39, NA, 5
appl.dose	0, 71, 140,	hill	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.4, 0.99,
appl.dose	0, 71, 140,	hill	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
AMetLiv1B	0, 25, 45,	power	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
AMetLiv1B	0, 25, 45,	power	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
AMetLiv1B	0, 25, 45,	power	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
AMetLiv1B	0, 25, 45,	power	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
AMetLiv1B	0, 25, 45,	polynomial	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
AMetLiv1B	0, 25, 45,	polynomial	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
AMetLiv1B	0, 25, 45,	hill	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.5, 1.1, 5
AMetLiv1B	0, 25, 45,	hill	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
TotOxMetz	0, 28, 51,	power	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
TotOxMetz	0, 28, 51,	power	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
TotOxMetz	0, 28, 51,	power	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
TotOxMetz	0, 28, 51,	power	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
TotOxMetz	0, 28, 51,	polynomial	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.6, 1.1, 5
TotOxMetz	0, 28, 51,	polynomial	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
TotOxMetz	0, 28, 51,	hill	relative	0.1	FALSE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	-3.5, 1.1, 5
TotOxMetz	0, 28, 51,	hill	relative	0.1	TRUE	24, 5, 12,	15.2, 5.8, 6,	0.44, 0.45,	0.23, NA, 5
appl.dose	0, 37, 75,	power	standard	1	FALSE	40, 20, 10,	1.3, 1.6, 1.	0.13, 0.12,	-5, 2.7, 1.3
appl.dose	0, 37, 75,	power	standard	1	TRUE	40, 20, 10,	1.3, 1.6, 1.	0.13, 0.12,	0.031, NA,
appl.dose	0, 37, 75,	power	standard	1	FALSE	40, 20, 10,	1.3, 1.6, 1.	0.13, 0.12,	-5.3, 3.8, 1

AMetLiv1B0, 40, 86, 1	power	relative	0.1	TRUE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, 0.5, NA, 3.
AMetLiv1B0, 40, 86, 1	polynomial	relative	0.1	FALSE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, -5.5, 2.8, 3
AMetLiv1B0, 40, 86, 1	polynomial	relative	0.1	TRUE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, 0.5, NA, 3.
AMetLiv1B0, 40, 86, 1	hill	relative	0.1	FALSE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, -5.3, 2.6, 3
AMetLiv1B0, 40, 86, 1	hill	relative	0.1	TRUE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, 0.44, NA, 3
TotOxMetz0, 110, 200	power	relative	0.1	FALSE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, -5.3, 2.7, 3
TotOxMetz0, 110, 200	power	relative	0.1	TRUE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, 0.46, NA, 3
TotOxMetz0, 110, 200	power	relative	0.1	FALSE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, -5.3, 2.7, 3
TotOxMetz0, 110, 200	power	relative	0.1	TRUE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, 0.46, NA, 3
TotOxMetz0, 110, 200	polynomial	relative	0.1	FALSE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, -5.1, 2.6, 3
TotOxMetz0, 110, 200	polynomial	relative	0.1	TRUE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, 0.48, NA, 3
TotOxMetz0, 110, 200	hill	relative	0.1	FALSE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, -5.3, 2.6, 3
TotOxMetz0, 110, 200	hill	relative	0.1	TRUE	40, 20, 10, 3.8, 4.4, 5.0	0.45, 0.41, 0.44, NA, 3
appl.dose 0, 37, 75, 1	power	relative	0.1	FALSE	40, 20, 10, 3.5, 3.6, 4.0	0.34, 0.43, -5.6, 2.9, 3
appl.dose 0, 37, 75, 1	power	relative	0.1	TRUE	40, 20, 10, 3.5, 3.6, 4.0	0.34, 0.43, 0.45, NA, 3
appl.dose 0, 37, 75, 1	power	relative	0.1	FALSE	40, 20, 10, 3.5, 3.6, 4.0	0.34, 0.43, -5.6, 2.9, 3
appl.dose 0, 37, 75, 1	power	relative	0.1	TRUE	40, 20, 10, 3.5, 3.6, 4.0	0.34, 0.43, 0.45, NA, 3
appl.dose 0, 37, 75, 1	polynomial	relative	0.1	FALSE	40, 20, 10, 3.5, 3.6, 4.0	0.34, 0.43, -5.6, 2.9, 3
appl.dose 0, 37, 75, 1	polynomial	relative	0.1	TRUE	40, 20, 10, 3.5, 3.6, 4.0	0.34, 0.43, 0.46, NA, 3
appl.dose 0, 37, 75, 1	hill	relative	0.1	FALSE	40, 20, 10, 3.5, 3.6, 4.0	0.34, 0.43, -5.6, 2.9, 3
appl.dose 0, 37, 75, 1	hill	relative	0.1	TRUE	40, 20, 10, 3.5, 3.6, 4.0	0.34, 0.43, 0.42, NA, 3
appl.dose 0, 37, 75, 1	power	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -4, 2.8, 0.3
appl.dose 0, 37, 75, 1	power	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0018, NA
appl.dose 0, 37, 75, 1	power	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -4, 2.5, 0.3
appl.dose 0, 37, 75, 1	power	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0021, NA
appl.dose 0, 37, 75, 1	polynomial	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -4, 2.5, 0.3
appl.dose 0, 37, 75, 1	polynomial	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0021, NA
appl.dose 0, 37, 75, 1	hill	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -3.7, 3.1, 0
appl.dose 0, 37, 75, 1	hill	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0017, NA
AMetGSHI0, 0.16, 0.3	power	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -4, 2.7, 0.3
AMetGSHI0, 0.16, 0.3	power	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0018, NA
AMetGSHI0, 0.16, 0.3	power	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -4.2, 2.3, 0
AMetGSHI0, 0.16, 0.3	power	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0021, NA
AMetGSHI0, 0.16, 0.3	polynomial	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -4.2, 2.3, 0
AMetGSHI0, 0.16, 0.3	polynomial	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0021, NA
AMetGSHI0, 0.16, 0.3	hill	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -3.7, 3.1, 0
AMetGSHI0, 0.16, 0.3	hill	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0017, NA
TotMetabE0, 120, 200	power	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -4, 2.8, 0.3
TotMetabE0, 120, 200	power	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0018, NA
TotMetabE0, 120, 200	power	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -3.8, 2.9, 0
TotMetabE0, 120, 200	power	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0019, NA
TotMetabE0, 120, 200	polynomial	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -3.8, 2.9, 0
TotMetabE0, 120, 200	polynomial	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0019, NA
TotMetabE0, 120, 200	hill	standard	1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -3.7, 3.1, 0
TotMetabE0, 120, 200	hill	standard	1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0017, NA
appl.dose 0, 37, 75, 1	power	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -4, 2.8, 0.3
appl.dose 0, 37, 75, 1	power	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0018, NA
appl.dose 0, 37, 75, 1	power	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -4, 2.5, 0.3
appl.dose 0, 37, 75, 1	power	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0021, NA
appl.dose 0, 37, 75, 1	polynomial	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -4, 2.5, 0.3
appl.dose 0, 37, 75, 1	polynomial	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035	0.04, 0.0021, NA
appl.dose 0, 37, 75, 1	hill	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035	0.04, -3.7, 3.1, 0

appl.dose 0, 37, 75, 1hill	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	0.0017, NA
AMetGSHI 0, 0.16, 0.3power	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	-4, 2.7, 0.3
AMetGSHI 0, 0.16, 0.3power	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	0.0018, NA
AMetGSHI 0, 0.16, 0.3power	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	-4.2, 2.3, 0
AMetGSHI 0, 0.16, 0.3power	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	0.0021, NA
AMetGSHI 0, 0.16, 0.3polynomial	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	-4.2, 2.3, 0
AMetGSHI 0, 0.16, 0.3polynomial	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	0.0021, NA
AMetGSHI 0, 0.16, 0.3hill	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	-3.7, 3.1, 0
AMetGSHI 0, 0.16, 0.3hill	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	0.0017, NA
TotMetabE 0, 120, 200power	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	-4, 2.8, 0.3
TotMetabE 0, 120, 200power	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	0.0018, NA
TotMetabE 0, 120, 200power	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	-3.8, 2.9, 0
TotMetabE 0, 120, 200power	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	0.0019, NA
TotMetabE 0, 120, 200polynomial	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	-3.8, 2.9, 0
TotMetabE 0, 120, 200polynomial	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	0.0019, NA
TotMetabE 0, 120, 200hill	relative	0.1	FALSE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	-3.7, 3.1, 0
TotMetabE 0, 120, 200hill	relative	0.1	TRUE	40, 20, 10, 0.38, 0.42, 0.035, 0.04	0.0017, NA
appl.dose 0, 37, 75, 1power	standard	1	FALSE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	1.1, 6.6, 0.
appl.dose 0, 37, 75, 1power	standard	1	TRUE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.0013, NA
appl.dose 0, 37, 75, 1power	standard	1	FALSE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.83, 6.4, (
appl.dose 0, 37, 75, 1power	standard	1	TRUE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.0013, NA
appl.dose 0, 37, 75, 1polynomial	standard	1	FALSE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.83, 6.4, (
appl.dose 0, 37, 75, 1polynomial	standard	1	TRUE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.0013, NA
appl.dose 0, 37, 75, 1hill	standard	1	FALSE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.86, 6.4, (
appl.dose 0, 37, 75, 1hill	standard	1	TRUE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.0013, NA
appl.dose 0, 37, 75, 1power	relative	0.1	FALSE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	1.1, 6.6, 0.
appl.dose 0, 37, 75, 1power	relative	0.1	TRUE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.0013, NA
appl.dose 0, 37, 75, 1power	relative	0.1	FALSE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.83, 6.4, (
appl.dose 0, 37, 75, 1power	relative	0.1	TRUE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.0013, NA
appl.dose 0, 37, 75, 1polynomial	relative	0.1	FALSE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.83, 6.4, (
appl.dose 0, 37, 75, 1polynomial	relative	0.1	TRUE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.0013, NA
appl.dose 0, 37, 75, 1hill	relative	0.1	FALSE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.86, 6.4, (
appl.dose 0, 37, 75, 1hill	relative	0.1	TRUE	40, 20, 10, 0.29, 0.3, (0.028, 0.04	0.0013, NA
appl.dose 0, 37, 75, 1power	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	-4.4, 2.6, 1
appl.dose 0, 37, 75, 1power	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	0.026, NA,
appl.dose 0, 37, 75, 1power	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	-4.4, 2.5, 1
appl.dose 0, 37, 75, 1power	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	0.026, NA,
appl.dose 0, 37, 75, 1polynomial	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	-4.4, 2.5, 1
appl.dose 0, 37, 75, 1polynomial	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	0.026, NA,
appl.dose 0, 37, 75, 1hill	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	-4.6, 3.3, 1
appl.dose 0, 37, 75, 1hill	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	0.026, NA,
AMetGSHI 0, 0.16, 0.3power	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	-4.4, 2.5, 1
AMetGSHI 0, 0.16, 0.3power	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	0.026, NA,
AMetGSHI 0, 0.16, 0.3power	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	-4.3, 2.5, 1
AMetGSHI 0, 0.16, 0.3power	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	0.026, NA,
AMetGSHI 0, 0.16, 0.3polynomial	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	-4.3, 2.5, 1
AMetGSHI 0, 0.16, 0.3polynomial	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	0.026, NA,
AMetGSHI 0, 0.16, 0.3hill	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	-4.5, 3.2, 1
AMetGSHI 0, 0.16, 0.3hill	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	0.026, NA,
TotMetabE 0, 120, 200power	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	-4.4, 2.6, 1
TotMetabE 0, 120, 200power	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	0.026, NA,
TotMetabE 0, 120, 200power	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.012, 0.13,	-4.4, 2.6, 1

TotMetabE 0, 120, 200	power	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
TotMetabE 0, 120, 200	polynomial	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.4, 2.9, 1
TotMetabE 0, 120, 200	polynomial	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.027, NA,
TotMetabE 0, 120, 200	hill	standard	1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.6, 3.3, 1
TotMetabE 0, 120, 200	hill	standard	1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
appl.dose 0, 37, 75, 1	power	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.4, 2.6, 1
appl.dose 0, 37, 75, 1	power	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
appl.dose 0, 37, 75, 1	power	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.4, 2.5, 1
appl.dose 0, 37, 75, 1	power	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
appl.dose 0, 37, 75, 1	polynomial	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.4, 2.5, 1
appl.dose 0, 37, 75, 1	polynomial	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
appl.dose 0, 37, 75, 1	hill	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.6, 3.3, 1
appl.dose 0, 37, 75, 1	hill	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
AMetGSHI 0, 0.16, 0.3	power	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.4, 2.5, 1
AMetGSHI 0, 0.16, 0.3	power	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
AMetGSHI 0, 0.16, 0.3	power	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.3, 2.5, 1
AMetGSHI 0, 0.16, 0.3	power	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
AMetGSHI 0, 0.16, 0.3	polynomial	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.3, 2.5, 1
AMetGSHI 0, 0.16, 0.3	polynomial	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
AMetGSHI 0, 0.16, 0.3	hill	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.5, 3.2, 1
AMetGSHI 0, 0.16, 0.3	hill	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
TotMetabE 0, 120, 200	power	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.4, 2.6, 1
TotMetabE 0, 120, 200	power	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
TotMetabE 0, 120, 200	power	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.4, 2.6, 1
TotMetabE 0, 120, 200	power	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
TotMetabE 0, 120, 200	polynomial	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.4, 2.9, 1
TotMetabE 0, 120, 200	polynomial	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.027, NA,
TotMetabE 0, 120, 200	hill	relative	0.1	FALSE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, -4.6, 3.3, 1
TotMetabE 0, 120, 200	hill	relative	0.1	TRUE	40, 20, 10, 1.1, 1.2, 1.0.12, 0.13, 0.026, NA,
appl.dose 0, 37, 75, 1	power	standard	1	FALSE	40, 20, 10, 0.89, 0.86, 0.099, 0.13-4, 3.9, 0.8
appl.dose 0, 37, 75, 1	power	standard	1	TRUE	40, 20, 10, 0.89, 0.86, 0.099, 0.130.018, NA,
appl.dose 0, 37, 75, 1	power	standard	1	FALSE	40, 20, 10, 0.89, 0.86, 0.099, 0.13-4, 3.9, 0.8
appl.dose 0, 37, 75, 1	power	standard	1	TRUE	40, 20, 10, 0.89, 0.86, 0.099, 0.130.018, NA,
appl.dose 0, 37, 75, 1	polynomial	standard	1	FALSE	40, 20, 10, 0.89, 0.86, 0.099, 0.13-3.9, 4.1, 0
appl.dose 0, 37, 75, 1	polynomial	standard	1	TRUE	40, 20, 10, 0.89, 0.86, 0.099, 0.130.019, NA,
appl.dose 0, 37, 75, 1	hill	standard	1	FALSE	40, 20, 10, 0.89, 0.86, 0.099, 0.13-4, 3.7, 0.8
appl.dose 0, 37, 75, 1	hill	standard	1	TRUE	40, 20, 10, 0.89, 0.86, 0.099, 0.130.018, NA,
appl.dose 0, 37, 75, 1	power	relative	0.1	FALSE	40, 20, 10, 0.89, 0.86, 0.099, 0.13-4, 3.9, 0.8
appl.dose 0, 37, 75, 1	power	relative	0.1	TRUE	40, 20, 10, 0.89, 0.86, 0.099, 0.130.018, NA,
appl.dose 0, 37, 75, 1	power	relative	0.1	FALSE	40, 20, 10, 0.89, 0.86, 0.099, 0.13-4, 3.9, 0.8
appl.dose 0, 37, 75, 1	power	relative	0.1	TRUE	40, 20, 10, 0.89, 0.86, 0.099, 0.130.018, NA,
appl.dose 0, 37, 75, 1	polynomial	relative	0.1	FALSE	40, 20, 10, 0.89, 0.86, 0.099, 0.13-3.9, 4.1, 0
appl.dose 0, 37, 75, 1	polynomial	relative	0.1	TRUE	40, 20, 10, 0.89, 0.86, 0.099, 0.130.019, NA,
appl.dose 0, 37, 75, 1	hill	relative	0.1	FALSE	40, 20, 10, 0.89, 0.86, 0.099, 0.13-4, 3.7, 0.8
appl.dose 0, 37, 75, 1	hill	relative	0.1	TRUE	40, 20, 10, 0.89, 0.86, 0.099, 0.130.018, NA,
appl.dose 0, 18, 54, 1	power	standard	1	FALSE	8, 8, 8, 8 750000, 52270000, 273.4, 1.6, 65
appl.dose 0, 18, 54, 1	power	standard	1	TRUE	8, 8, 8, 8 750000, 52270000, 275.6e+10, N
appl.dose 0, 18, 54, 1	power	standard	1	FALSE	8, 8, 8, 8 750000, 52270000, 271.6, 1.8, 64
appl.dose 0, 18, 54, 1	power	standard	1	TRUE	8, 8, 8, 8 750000, 52270000, 276e+10, NA
appl.dose 0, 18, 54, 1	polynomial	standard	1	FALSE	8, 8, 8, 8 750000, 52270000, 271.6, 1.8, 64
appl.dose 0, 18, 54, 1	polynomial	standard	1	TRUE	8, 8, 8, 8 750000, 52270000, 279.7e+09, N
appl.dose 0, 18, 54, 1	hill	standard	1	FALSE	8, 8, 8, 8 750000, 52270000, 271.4, 1.8, 64

appl.dose	0, 18, 54, 1	hill	standard	1	TRUE	8, 8, 8, 8	750000, 52270000, 276.3e+10, N
AUCCBId	0, 11, 50, 2	power	standard	1	FALSE	8, 8, 8, 8	750000, 52270000, 273.5, 1.6, 69
AUCCBId	0, 11, 50, 2	power	standard	1	TRUE	8, 8, 8, 8	750000, 52270000, 275.6e+10, N
AUCCBId	0, 11, 50, 2	power	standard	1	FALSE	8, 8, 8, 8	750000, 52270000, 270.27, 1.9, 6
AUCCBId	0, 11, 50, 2	power	standard	1	TRUE	8, 8, 8, 8	750000, 52270000, 276.2e+10, N
AUCCBId	0, 11, 50, 2	polynomial	standard	1	FALSE	8, 8, 8, 8	750000, 52270000, 270.27, 1.9, 6
AUCCBId	0, 11, 50, 2	polynomial	standard	1	TRUE	8, 8, 8, 8	750000, 52270000, 272.3e+10, N
AUCCBId	0, 11, 50, 2	hill	standard	1	FALSE	8, 8, 8, 8	750000, 52270000, 271.5, 1.8, 69
AUCCBId	0, 11, 50, 2	hill	standard	1	TRUE	8, 8, 8, 8	750000, 52270000, 275.8e+10, N
TotMetabE	0, 25, 56, 3	power	standard	1	FALSE	8, 8, 8, 8	750000, 52270000, 272.5, 1.7, 69
TotMetabE	0, 25, 56, 3	power	standard	1	TRUE	8, 8, 8, 8	750000, 52270000, 275.7e+10, N
TotMetabE	0, 25, 56, 3	power	standard	1	FALSE	8, 8, 8, 8	750000, 52270000, 272.5, 1.7, 69
TotMetabE	0, 25, 56, 3	power	standard	1	TRUE	8, 8, 8, 8	750000, 52270000, 275.7e+10, N
TotMetabE	0, 25, 56, 3	polynomial	standard	1	FALSE	8, 8, 8, 8	750000, 52270000, 275.6, 1.5, 79
TotMetabE	0, 25, 56, 3	polynomial	standard	1	TRUE	8, 8, 8, 8	750000, 52270000, 271e+10, NA
TotMetabE	0, 25, 56, 3	hill	standard	1	FALSE	8, 8, 8, 8	750000, 52270000, 270.81, 1.8, 6
TotMetabE	0, 25, 56, 3	hill	standard	1	TRUE	8, 8, 8, 8	750000, 52270000, 276.3e+10, N
appl.dose	0, 18, 54, 1	power	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2.1, 0.8
appl.dose	0, 18, 54, 1	power	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.005, NA,
appl.dose	0, 18, 54, 1	power	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 1.7, 0.8
appl.dose	0, 18, 54, 1	power	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.0051, NA,
appl.dose	0, 18, 54, 1	polynomial	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 1.7, 0.8
appl.dose	0, 18, 54, 1	polynomial	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.0051, NA,
appl.dose	0, 18, 54, 1	hill	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2.3, 0.8
appl.dose	0, 18, 54, 1	hill	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.005, NA,
ABioactDC	0, 0.038, 0	power	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2, 0.81,
ABioactDC	0, 0.038, 0	power	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.0049, NA,
ABioactDC	0, 0.038, 0	power	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5.1, 1.4, 0
ABioactDC	0, 0.038, 0	power	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.0052, NA,
ABioactDC	0, 0.038, 0	polynomial	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5.1, 1.4, 0
ABioactDC	0, 0.038, 0	polynomial	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.0052, NA,
ABioactDC	0, 0.038, 0	hill	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2.2, 0.8
ABioactDC	0, 0.038, 0	hill	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.005, NA,
AMetGSHI	0, 0.039, 0	power	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2, 0.81,
AMetGSHI	0, 0.039, 0	power	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.0049, NA,
AMetGSHI	0, 0.039, 0	power	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5.1, 1.4, 0
AMetGSHI	0, 0.039, 0	power	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.0052, NA,
AMetGSHI	0, 0.039, 0	polynomial	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5.1, 1.4, 0
AMetGSHI	0, 0.039, 0	polynomial	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.0052, NA,
AMetGSHI	0, 0.039, 0	hill	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2.2, 0.8
AMetGSHI	0, 0.039, 0	hill	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.005, NA,
TotMetabE	0, 25, 56, 3	power	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2.4, 0.8
TotMetabE	0, 25, 56, 3	power	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.005, NA,
TotMetabE	0, 25, 56, 3	power	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2.3, 0.8
TotMetabE	0, 25, 56, 3	power	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.005, NA,
TotMetabE	0, 25, 56, 3	polynomial	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2.3, 0.8
TotMetabE	0, 25, 56, 3	polynomial	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.005, NA,
TotMetabE	0, 25, 56, 3	hill	standard	1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2.3, 0.8
TotMetabE	0, 25, 56, 3	hill	standard	1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.005, NA,
appl.dose	0, 18, 54, 1	power	relative	0.1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 2.1, 0.8
appl.dose	0, 18, 54, 1	power	relative	0.1	TRUE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.060.005, NA,
appl.dose	0, 18, 54, 1	power	relative	0.1	FALSE	8, 8, 8, 8	0.81, 0.86, 0.072, 0.06-5, 1.7, 0.8

AUCCBld 0, 0.0059, power	relative	0.1	TRUE	9, 10, 10	0.12, 0.08 \times 0.02, 0.01 \leq 0.00044, N
AUCCBld 0, 0.0059, polynomial	relative	0.1	FALSE	9, 10, 10	0.12, 0.08 \times 0.02, 0.01 \leq 3.7, 4.8, 0.
AUCCBld 0, 0.0059, polynomial	relative	0.1	TRUE	9, 10, 10	0.12, 0.08 \times 0.02, 0.01 \leq 0.00044, N
TotMetabE 0, 0.14, 1. \times power	relative	0.1	FALSE	9, 10, 10	0.12, 0.08 \times 0.02, 0.01 \leq -5.3, 1.2, 0
TotMetabE 0, 0.14, 1. \times power	relative	0.1	TRUE	9, 10, 10	0.12, 0.08 \times 0.02, 0.01 \leq 0.00027, N
TotMetabE 0, 0.14, 1. \times power	relative	0.1	FALSE	9, 10, 10	0.12, 0.08 \times 0.02, 0.01 \leq 3.7, 4.8, 0.
TotMetabE 0, 0.14, 1. \times power	relative	0.1	TRUE	9, 10, 10	0.12, 0.08 \times 0.02, 0.01 \leq 0.00044, N
TotMetabE 0, 0.14, 1. \times polynomial	relative	0.1	FALSE	9, 10, 10	0.12, 0.08 \times 0.02, 0.01 \leq 3.7, 4.8, 0.
TotMetabE 0, 0.14, 1. \times polynomial	relative	0.1	TRUE	9, 10, 10	0.12, 0.08 \times 0.02, 0.01 \leq 0.00044, N

sresid	AIC	p.vals	BMD	BMDL	confid	hFi	hMi	hFo	hMo
0.00043, -(	-23.1	1e-04, 0.36	42.3	2.79	0.95	NA	NA	NA	NA
1.2e-08, 5.	-23.1	1e-04, 0.36	58.2	6.45	0.95	NA	NA	NA	NA
-0.43, 0.87	-24.1	1e-04, 0.36	105	73.2	0.95	NA	NA	NA	NA
-0.4, 0.76,	-24.4	1e-04, 0.36	125	93.9	0.95	NA	NA	NA	NA
-0.43, 0.87	-24.1	1e-04, 0.36	105	73.2	0.95	NA	NA	NA	NA
-0.4, 0.76,	-24.4	1e-04, 0.36	125	93.9	0.95	NA	NA	NA	NA
0.00043, -(	-23.1	1e-04, 0.36	13.1	0.184	0.95	NA	NA	NA	NA
1.2e-08, 5.	-23.1	1e-04, 0.36	18	0.472	0.95	NA	NA	NA	NA
-0.43, 0.87	-24.1	1e-04, 0.36	52.7	36.6	0.95	NA	NA	NA	NA
-0.4, 0.76,	-24.4	1e-04, 0.36	62.3	46.9	0.95	NA	NA	NA	NA
-0.43, 0.87	-24.1	1e-04, 0.36	52.7	36.6	0.95	NA	NA	NA	NA
-0.4, 0.76,	-24.4	1e-04, 0.36	62.3	46.9	0.95	NA	NA	NA	NA
1.2, -3.5, 2	396	1e-04, 0.36	963	513	0.95	NA	NA	NA	NA
1.3, -3.7, 2	395	1e-04, 0.36	909	510	0.95	NA	NA	NA	NA
1.2, -3.5, 2	396	1e-04, 0.36	964	513	0.95	NA	NA	NA	NA
1.3, -3.7, 2	395	1e-04, 0.36	961	510	0.95	NA	NA	NA	NA
0.95, -3.5,	397	1e-04, 0.36	537	415	0.95	NA	NA	NA	NA
1.3, -3.7, 2	393	1e-04, 0.36	793	552	0.95	NA	NA	NA	NA
1.2, -3.5, 2	398	1e-04, 0.36	845	NA	0.95	NA	NA	NA	NA
1.3, -3.7, 2	397	1e-04, 0.36	946	NA	0.95	NA	NA	NA	NA
1.2, -3.5, 2	396	1e-04, 0.36	946	388	0.95	NA	NA	NA	NA
1.3, -3.7, 2	395	1e-04, 0.36	878	412	0.95	NA	NA	NA	NA
1.2, -3.5, 2	396	1e-04, 0.36	949	388	0.95	NA	NA	NA	NA
1.3, -3.7, 2	395	1e-04, 0.36	947	412	0.95	NA	NA	NA	NA
0.95, -3.5,	397	1e-04, 0.36	388	323	0.95	NA	NA	NA	NA
1.3, -3.7, 2	393	1e-04, 0.36	731	440	0.95	NA	NA	NA	NA
1.2, -3.5, 2	398	1e-04, 0.36	807	NA	0.95	NA	NA	NA	NA
1.3, -3.7, 2	397	1e-04, 0.36	929	NA	0.95	NA	NA	NA	NA
-0.0032, 0.	389	0.000338,	79.1	26.2	0.95	NA	NA	NA	NA
-0.022, 0.1	396	0.000338,	133	48.6	0.95	NA	NA	NA	NA
0.83, -0.27	389	0.000338,	124	79.7	0.95	NA	NA	NA	NA
0.75, -0.18	395	0.000338,	159	110	0.95	NA	NA	NA	NA
0.83, -0.27	389	0.000338,	124	79.7	0.95	NA	NA	NA	NA
0.75, -0.18	395	0.000338,	159	110	0.95	NA	NA	NA	NA
0.12, -0.26	390	0.000338,	62.3	25.6	0.95	NA	NA	NA	NA
0.053, -0.1	396	0.000338,	132	38.6	0.95	NA	NA	NA	NA
-0.0032, 0.	389	0.000338,	26.9	5.64	0.95	NA	NA	NA	NA
-0.022, 0.1	396	0.000338,	26	2.01	0.95	NA	NA	NA	NA
0.83, -0.27	389	0.000338,	61.4	41.9	0.95	NA	NA	NA	NA
0.75, -0.18	395	0.000338,	64.7	46.6	0.95	NA	NA	NA	NA
0.83, -0.27	389	0.000338,	61.4	41.9	0.95	NA	NA	NA	NA
0.75, -0.18	395	0.000338,	64.7	46.6	0.95	NA	NA	NA	NA
0.12, -0.26	390	0.000338,	26.3	10.5	0.95	NA	NA	NA	NA
0.053, -0.1	396	0.000338,	26.7	7.5	0.95	NA	NA	NA	NA
-0.12, 0.57	234	1e-04, 0.36	351	198	0.95	NA	NA	NA	NA
-0.12, 0.57	233	1e-04, 0.36	374	218	0.95	NA	NA	NA	NA
-0.12, 0.57	234	1e-04, 0.36	351	232	0.95	NA	NA	NA	NA
-0.12, 0.57	233	1e-04, 0.36	374	255	0.95	NA	NA	NA	NA
-0.46, 0.96	232	1e-04, 0.36	286	222	0.95	NA	NA	NA	NA
-0.46, 0.92	231	1e-04, 0.36	312	250	0.95	NA	NA	NA	NA
0.026, -0.1	234	1e-04, 0.36	441	NA	0.95	NA	NA	NA	NA

0.033, -0.1	233 1e-04, 0.3	461	270	0.95	NA	NA	NA	NA
-0.12, 0.57	234 1e-04, 0.3	165	73.6	0.95	NA	NA	NA	NA
-0.12, 0.57	233 1e-04, 0.3	162	69.6	0.95	NA	NA	NA	NA
-0.12, 0.57	234 1e-04, 0.3	165	109	0.95	NA	NA	NA	NA
-0.12, 0.57	233 1e-04, 0.3	162	109	0.95	NA	NA	NA	NA
-0.46, 0.96	232 1e-04, 0.3	120	107	0.95	NA	NA	NA	NA
-0.46, 0.92	231 1e-04, 0.3	120	108	0.95	NA	NA	NA	NA
0.026, -0.1	234 1e-04, 0.3	319	110	0.95	NA	NA	NA	NA
0.033, -0.1	233 1e-04, 0.3	320	106	0.95	NA	NA	NA	NA
0.39, -0.15	281 1e-04, 0.3	300	198	0.95	NA	NA	NA	NA
0.31, -0.14	282 1e-04, 0.3	337	229	0.95	NA	NA	NA	NA
0.39, -0.15	281 1e-04, 0.3	300	198	0.95	NA	NA	NA	NA
0.31, -0.14	282 1e-04, 0.3	337	229	0.95	NA	NA	NA	NA
0.48, -0.17	279 1e-04, 0.3	289	241	0.95	NA	NA	NA	NA
0.37, -0.13	280 1e-04, 0.3	330	292	0.95	NA	NA	NA	NA
0.15, 0.12,	282 1e-04, 0.3	322	226	0.95	NA	NA	NA	NA
-0.00085, (	283 1e-04, 0.3	357	253	0.95	NA	NA	NA	NA
0.39, -0.15	281 1e-04, 0.3	379	296	0.95	NA	NA	NA	NA
0.31, -0.14	282 1e-04, 0.3	377	273	0.95	NA	NA	NA	NA
0.39, -0.15	281 1e-04, 0.3	379	296	0.95	NA	NA	NA	NA
0.31, -0.14	282 1e-04, 0.3	377	273	0.95	NA	NA	NA	NA
0.48, -0.17	279 1e-04, 0.3	371	335	0.95	NA	NA	NA	NA
0.37, -0.13	280 1e-04, 0.3	371	336	0.95	NA	NA	NA	NA
0.15, 0.12,	282 1e-04, 0.3	372	306	0.95	NA	NA	NA	NA
-0.00085, (	283 1e-04, 0.3	382	296	0.95	NA	NA	NA	NA
0.39, -0.15	281 1e-04, 0.3	313	221	0.95	NA	NA	NA	NA
0.31, -0.14	282 1e-04, 0.3	310	199	0.95	NA	NA	NA	NA
0.39, -0.15	281 1e-04, 0.3	313	221	0.95	NA	NA	NA	NA
0.31, -0.14	282 1e-04, 0.3	310	199	0.95	NA	NA	NA	NA
0.48, -0.17	279 1e-04, 0.3	303	273	0.95	NA	NA	NA	NA
0.37, -0.13	280 1e-04, 0.3	303	274	0.95	NA	NA	NA	NA
0.15, 0.12,	282 1e-04, 0.3	328	243	0.95	NA	NA	NA	NA
-0.00085, (	283 1e-04, 0.3	342	224	0.95	NA	NA	NA	NA
0.035, -0.0	90.2 0.423, 0.9	550	347	0.95	NA	NA	NA	NA
0.013, -0.0	88.3 0.423, 0.9	563	358	0.95	NA	NA	NA	NA
0.035, -0.0	90.2 0.423, 0.9	550	347	0.95	NA	NA	NA	NA
0.013, -0.0	88.3 0.423, 0.9	563	358	0.95	NA	NA	NA	NA
-0.074, 0.0	88.3 0.423, 0.9	599	346	0.95	NA	NA	NA	NA
-0.075, 0.0	86.3 0.423, 0.9	604	357	0.95	NA	NA	NA	NA
0.035, -0.0	92.2 0.423, 0.9	550	347	0.95	NA	NA	NA	NA
0.013, -0.0	90.3 0.423, 0.9	564	358	0.95	NA	NA	NA	NA
0.035, -0.0	90.2 0.423, 0.9	314	88.3	0.95	NA	NA	NA	NA
0.013, -0.0	88.3 0.423, 0.9	314	87.4	0.95	NA	NA	NA	NA
0.035, -0.0	90.2 0.423, 0.9	314	173	0.95	NA	NA	NA	NA
0.013, -0.0	88.3 0.423, 0.9	314	179	0.95	NA	NA	NA	NA
-0.074, 0.0	88.3 0.423, 0.9	299	173	0.95	NA	NA	NA	NA
-0.075, 0.0	86.3 0.423, 0.9	302	179	0.95	NA	NA	NA	NA
0.035, -0.0	92.2 0.423, 0.9	314	173	0.95	NA	NA	NA	NA
0.013, -0.0	90.3 0.423, 0.9	314	178	0.95	NA	NA	NA	NA
0.52, -0.11	253 0.00206, 0	410	282	0.95	NA	NA	NA	NA
-0.044, 0.2	254 0.00206, 0	480	283	0.95	NA	NA	NA	NA
0.52, -0.11	253 0.00206, 0	410	282	0.95	NA	NA	NA	NA

0.026, 0.13	252 0.00206, 0	470	305	0.95 NA	NA	NA	NA
-0.0011, 0.	252 0.00206, 0	422	262	0.95 NA	NA	NA	NA
0.026, 0.13	252 0.00206, 0	470	305	0.95 NA	NA	NA	NA
0.53, -0.25	253 0.00206, 0 NA	NA	NA	0.95 NA	NA	NA	NA
-2.3e-07, 2	256 0.00206, 0	755	248	0.95 NA	NA	NA	NA
0.52, -0.11	253 0.00206, 0	288	120	0.95 NA	NA	NA	NA
-0.044, 0.2	254 0.00206, 0	223	48.4	0.95 NA	NA	NA	NA
0.52, -0.11	253 0.00206, 0	288	141	0.95 NA	NA	NA	NA
0.026, 0.13	252 0.00206, 0	235	152	0.95 NA	NA	NA	NA
-0.0011, 0.	252 0.00206, 0	211	131	0.95 NA	NA	NA	NA
0.026, 0.13	252 0.00206, 0	235	152	0.95 NA	NA	NA	NA
0.53, -0.25	253 0.00206, 0	199	124	0.95 NA	NA	NA	NA
-2.3e-07, 2	256 0.00206, 0	201	63.6	0.95 NA	NA	NA	NA
0.067, -0.9	122 0.00949, 0	149	3.89E-13	0.95 NA	NA	NA	NA
0.068, -0.9	120 0.00949, 0	136	3.89E-13	0.95 NA	NA	NA	NA
0.56, -1.6,	120 0.00949, 0	234	153	0.95 NA	NA	NA	NA
0.57, -1.6,	119 0.00949, 0	225	153	0.95 NA	NA	NA	NA
0.56, -1.6,	120 0.00949, 0	234	153	0.95 NA	NA	NA	NA
0.57, -1.6,	119 0.00949, 0	225	153	0.95 NA	NA	NA	NA
0.32, -1.4,	122 0.00949, 0	189	0.00364	0.95 NA	NA	NA	NA
0.27, -1.3,	120 0.00949, 0	167	0.000546	0.95 NA	NA	NA	NA
0.067, -0.9	122 0.00949, 0	144	2.52E-07	0.95 NA	NA	NA	NA
0.068, -0.9	120 0.00949, 0	143	3.71E-07	0.95 NA	NA	NA	NA
0.56, -1.6,	120 0.00949, 0	226	161	0.95 NA	NA	NA	NA
0.57, -1.6,	119 0.00949, 0	225	159	0.95 NA	NA	NA	NA
0.56, -1.6,	120 0.00949, 0	226	161	0.95 NA	NA	NA	NA
0.57, -1.6,	119 0.00949, 0	225	159	0.95 NA	NA	NA	NA
0.32, -1.4,	122 0.00949, 0	181	0.0031	0.95 NA	NA	NA	NA
0.27, -1.3,	120 0.00949, 0	169	0.0109	0.95 NA	NA	NA	NA
0.067, -0.9	122 0.00949, 0	35.7	4.82E-08	0.95 NA	NA	NA	NA
0.068, -0.9	120 0.00949, 0	34	2.52E-07	0.95 NA	NA	NA	NA
0.56, -1.6,	120 0.00949, 0	113	80.6	0.95 NA	NA	NA	NA
0.57, -1.6,	119 0.00949, 0	112	79.7	0.95 NA	NA	NA	NA
0.56, -1.6,	120 0.00949, 0	113	80.6	0.95 NA	NA	NA	NA
0.57, -1.6,	119 0.00949, 0	112	79.7	0.95 NA	NA	NA	NA
0.32, -1.4,	122 0.00949, 0	77.7	5.36E-05	0.95 NA	NA	NA	NA
0.27, -1.3,	120 0.00949, 0	69.1	0.00277	0.95 NA	NA	NA	NA
0.0036, -0.	121 0.00239, 0	0.174	1.29E-06	0.95 NA	NA	NA	NA
5.9, -0.4, 0	119 0.00239, 0	38900 NA		0.95 NA	NA	NA	NA
1.3, -2.1, -1	126 0.00239, 0	345	204	0.95 NA	NA	NA	NA
1.2, -2.2, -1	126 0.00239, 0	273	175	0.95 NA	NA	NA	NA
1.3, -2.1, -1	126 0.00239, 0	345	204	0.95 NA	NA	NA	NA
1.2, -2.2, -1	126 0.00239, 0	273	175	0.95 NA	NA	NA	NA
6.5e-08, -0	123 0.00239, 0	0.0922 NA		0.95 NA	NA	NA	NA
1.1e-06, -0	123 0.00239, 0	0.571	3.89E-13	0.95 NA	NA	NA	NA
0.0036, -0.	121 0.00239, 0	0.00118	0.00118	0.95 NA	NA	NA	NA
5.9, -0.4, 0	119 0.00239, 0	38900 NA		0.95 NA	NA	NA	NA
1.3, -2.1, -1	126 0.00239, 0	279	185	0.95 NA	NA	NA	NA
1.2, -2.2, -1	126 0.00239, 0	247	165	0.95 NA	NA	NA	NA
1.3, -2.1, -1	126 0.00239, 0	279	185	0.95 NA	NA	NA	NA
1.2, -2.2, -1	126 0.00239, 0	247	165	0.95 NA	NA	NA	NA
6.5e-08, -0	123 0.00239, 0	0.0844 NA		0.95 NA	NA	NA	NA

1.1e-06, -0	123 0.00239, 0	0.579	0.0409	0.95 NA	NA	NA	NA
0.0036, -0.	121 0.00239, 0	1.76E-14	1.76E-14	0.95 NA	NA	NA	NA
5.9, -0.4, 0	119 0.00239, 0	38900 NA		0.95 NA	NA	NA	NA
1.3, -2.1, -1	126 0.00239, 0	139	92.3	0.95 NA	NA	NA	NA
1.2, -2.2, -1	126 0.00239, 0	124	82.3	0.95 NA	NA	NA	NA
1.3, -2.1, -1	126 0.00239, 0	139	92.3	0.95 NA	NA	NA	NA
1.2, -2.2, -1	126 0.00239, 0	124	82.3	0.95 NA	NA	NA	NA
6.5e-08, -0	123 0.00239, 0	0.0678 NA		0.95 NA	NA	NA	NA
1.1e-06, -0	123 0.00239, 0	0.41	3.89E-13	0.95 NA	NA	NA	NA
0.72, -0.68	-9.13 1e-04, 1e-04	284	145	0.95 NA	NA	NA	NA
0.32, -0.58	-2.97 1e-04, 1e-04	462	174	0.95 NA	NA	NA	NA
0.021, -0.8	-3.35 1e-04, 1e-04	496	94.8	0.95 NA	NA	NA	NA
0.32, -0.58	-2.97 1e-04, 1e-04	462	263	0.95 NA	NA	NA	NA
0.55, -0.94	-10.7 1e-04, 1e-04	283	141	0.95 NA	NA	NA	NA
0.44, -0.6,	-4.92 1e-04, 1e-04	444	262	0.95 NA	NA	NA	NA
0.87, -0.64	-15.4 1e-04, 1e-04	146 NA		0.95 NA	NA	NA	NA
0.36, -0.36	-1.23 1e-04, 1e-04	179 NA		0.95 NA	NA	NA	NA
0.13, -0.18	-118 0.241, 0.35	1130	143	0.95 NA	NA	NA	NA
0.18, -0.19	-119 0.241, 0.35	1320	235	0.95 NA	NA	NA	NA
-0.1, -0.21,	-120 0.241, 0.35	1290	673	0.95 NA	NA	NA	NA
-0.13, -0.21	-121 0.241, 0.35	1500	870	0.95 NA	NA	NA	NA
-0.1, -0.21,	-120 0.241, 0.35	1290	673	0.95 NA	NA	NA	NA
-0.13, -0.21	-121 0.241, 0.35	1500	870	0.95 NA	NA	NA	NA
-0.13, -0.11	-116 0.241, 0.35	576 NA		0.95 NA	NA	NA	NA
0.0076, -0.	-118 0.241, 0.35	2310	212	0.95 NA	NA	NA	NA
0.33, -0.42	185 1e-04, 0.00	0.119	0.00876	0.95 NA	NA	NA	NA
0, 0, 0	187 1e-04, 0.00	0.0171	0.00108	0.95 NA	NA	NA	NA
1.6, -1.6, 0	187 1e-04, 0.00	1.29	0.878	0.95 NA	NA	NA	NA
1.8, -2, 0.2	195 1e-04, 0.00	0.94	0.675	0.95 NA	NA	NA	NA
1.6, -1.6, 0	187 1e-04, 0.00	1.28	0.878	0.95 NA	NA	NA	NA
1.8, -2, 0.2	195 1e-04, 0.00	0.928	0.675	0.95 NA	NA	NA	NA
-0.039, 0.0	189 1e-04, 0.00	0.00351	4.14E-07	0.95 NA	NA	NA	NA
0, 0, 0	193 1e-04, 0.00	0.000436	3.47E-08	0.95 NA	NA	NA	NA
1.6, -1.6, 0	197 1e-04, 0.00	2.59	1.6	0.95 NA	NA	NA	NA
1.8, -2, 0.2	201 1e-04, 0.00	1.92	1.22	0.95 NA	NA	NA	NA
1.6, -1.6, 0	197 1e-04, 0.00	2.59	1.6	0.95 NA	NA	NA	NA
1.7, -1.9, 0	201 1e-04, 0.00	2	1.21	0.95 NA	NA	NA	NA
0.00011, -0	-88.4 0.00484, 0	#####	#####	0.95 NA	NA	NA	NA
0, 0, 0	-90.3 0.00484, 0	1.37E-20	1.37E-20	0.95 NA	NA	NA	NA
-1.9, 2.1, -1	-80.8 0.00484, 0	4.84	2.52	0.95 NA	NA	NA	NA
-1.9, 2.2, -1	-82.7 0.00484, 0	4.65	2.61	0.95 NA	NA	NA	NA
-1.9, 2.1, -1	-80.8 0.00484, 0	4.84	2.52	0.95 NA	NA	NA	NA
-1.9, 2.2, -1	-82.7 0.00484, 0	4.65	2.61	0.95 NA	NA	NA	NA
0.069, -0.1	-72.9 0.292, 0.75	4.45	3.70E-15	0.95 NA	NA	NA	NA
0, 0, 0	-74.7 0.292, 0.75	5	0.488	0.95 NA	NA	NA	NA
-0.36, 0.4,	-74.5 0.292, 0.75	4.74	2.45	0.95 NA	NA	NA	NA
-0.36, 0.4,	-76.4 0.292, 0.75	4.78	2.64	0.95 NA	NA	NA	NA
-0.36, 0.4,	-74.5 0.292, 0.75	4.74	2.45	0.95 NA	NA	NA	NA
-0.36, 0.4,	-76.4 0.292, 0.75	4.78	2.64	0.95 NA	NA	NA	NA
0.33, -0.42	185 1e-04, 0.00	0.344	0.0936	0.95 NA	NA	NA	NA
0, 2.1e-15,	187 1e-04, 0.00	0.131	0.0329	0.95 NA	NA	NA	NA
0.81, -0.88	184 1e-04, 0.00	0.525	0.335	0.95 NA	NA	NA	NA

0.78, -1.1,	187 1e-04, 0.0	0.33	0.243	0.95	NA	NA	NA	NA
0.81, -0.88	184 1e-04, 0.0	0.525	0.335	0.95	NA	NA	NA	NA
0.78, -1.1,	187 1e-04, 0.0	0.331	0.243	0.95	NA	NA	NA	NA
-0.039, 0.0	189 1e-04, 0.0	0.0592	3.12E-05	0.95	NA	NA	NA	NA
3.3e-09, -3	193 1e-04, 0.0	0.0209	2.44E-10	0.95	NA	NA	NA	NA
1.3, -1.5, 0	194 1e-04, 0.0	1.12	0.648	0.95	NA	NA	NA	NA
1.2, -1.7, 0	196 1e-04, 0.0	0.696	0.47	0.95	NA	NA	NA	NA
1.3, -1.5, 0	194 1e-04, 0.0	1.12	0.648	0.95	NA	NA	NA	NA
1.2, -1.8, 0	196 1e-04, 0.0	0.684	0.47	0.95	NA	NA	NA	NA
-2.7, 1.4, 1	-76.3 0.00484, 0	2.76	1.92E-15	0.95	NA	NA	NA	NA
0, 0, 0	-90.3 0.00484, 0	1.17E-10	1.17E-10	0.95	NA	NA	NA	NA
-1.3, 2, -0.0	-83.8 0.00484, 0	1.71	0.912	0.95	NA	NA	NA	NA
-1.3, 2, -0.0	-85.8 0.00484, 0	1.7	1.06	0.95	NA	NA	NA	NA
-1.3, 2, -0.0	-83.8 0.00484, 0	1.71	0.912	0.95	NA	NA	NA	NA
-1.3, 2, -0.0	-85.8 0.00484, 0	1.7	1.06	0.95	NA	NA	NA	NA
0.069, -0.1	-72.9 0.292, 0.7	2.11	1.92E-15	0.95	NA	NA	NA	NA
0, 0, 0	-74.7 0.292, 0.7	2.24	0.699	0.95	NA	NA	NA	NA
-0.026, 0.0	-74.8 0.292, 0.7	2.12	1.09	0.95	NA	NA	NA	NA
-0.033, 0.0	-76.7 0.292, 0.7	2.23	1.25	0.95	NA	NA	NA	NA
-0.026, 0.0	-74.8 0.292, 0.7	2.12	1.09	0.95	NA	NA	NA	NA
-0.033, 0.0	-76.7 0.292, 0.7	2.23	1.25	0.95	NA	NA	NA	NA
0.033, -0.4	203 1e-04, 1e-0	167	56.4	0.95	NA	NA	NA	NA
0.077, -0.6	213 1e-04, 1e-0	461	3.89E-13	0.95	NA	NA	NA	NA
0.033, -0.4	203 1e-04, 1e-0	167	83.4	0.95	NA	NA	NA	NA
-0.22, -0.3	211 1e-04, 1e-0	444	227	0.95	NA	NA	NA	NA
-1.2, -0.74,	214 1e-04, 1e-0	-10000	65.7	0.95	NA	NA	NA	NA
-0.22, -0.3	211 1e-04, 1e-0	444	227	0.95	NA	NA	NA	NA
-0.2, 0.25,	196 1e-04, 1e-0	161	81.4	0.95	NA	NA	NA	NA
1.4e-06, -9	214 1e-04, 1e-0	NA	NA	0.95	NA	NA	NA	NA
0.077, -0.2	191 1e-04, 1e-0	60.6	3.47	0.95	NA	NA	NA	NA
0.022, -0.1	214 1e-04, 1e-0	406	50.5	0.95	NA	NA	NA	NA
0.17, -0.02	190 1e-04, 1e-0	84.9	43.7	0.95	NA	NA	NA	NA
-0.12, 0.00	212 1e-04, 1e-0	404	215	0.95	NA	NA	NA	NA
1900, -410	8 1e-04, 1e-0	0.00605	NA	0.95	NA	NA	NA	NA
-0.12, 0.00	212 1e-04, 1e-0	404	215	0.95	NA	NA	NA	NA
0.029, -0.0	192 1e-04, 1e-0	77.1	NA	0.95	NA	NA	NA	NA
4.5e-06, -7	216 1e-04, 1e-0	445	69.5	0.95	NA	NA	NA	NA
0.033, -0.4	203 1e-04, 1e-0	213	68.9	0.95	NA	NA	NA	NA
0.077, -0.6	213 1e-04, 1e-0	189	2.30E-06	0.95	NA	NA	NA	NA
0.033, -0.4	203 1e-04, 1e-0	213	92.4	0.95	NA	NA	NA	NA
-0.22, -0.3	211 1e-04, 1e-0	311	68.2	0.95	NA	NA	NA	NA
-1.2, -0.74,	214 1e-04, 1e-0	-10000	0.00205	0.95	NA	NA	NA	NA
-0.22, -0.3	211 1e-04, 1e-0	311	68.2	0.95	NA	NA	NA	NA
-0.2, 0.25,	196 1e-04, 1e-0	174	81.5	0.95	NA	NA	NA	NA
1.4e-06, -9	214 1e-04, 1e-0	88.2	0.000372	0.95	NA	NA	NA	NA
0.077, -0.2	191 1e-04, 1e-0	151	32.4	0.95	NA	NA	NA	NA
0.022, -0.1	214 1e-04, 1e-0	154	NA	0.95	NA	NA	NA	NA
0.17, -0.02	190 1e-04, 1e-0	144	72.6	0.95	NA	NA	NA	NA
-0.12, 0.00	212 1e-04, 1e-0	212	22.8	0.95	NA	NA	NA	NA
1900, -410	8 1e-04, 1e-0	125	NA	0.95	NA	NA	NA	NA
-0.12, 0.00	212 1e-04, 1e-0	212	22.8	0.95	NA	NA	NA	NA
0.029, -0.0	192 1e-04, 1e-0	132	54.3	0.95	NA	NA	NA	NA

4.5e-06, -7	216 1e-04, 1e-04	151	1.18E-05	0.95	NA	NA	NA	NA
0.21, 0.16,	-32.2 1e-04, 0.3e-04	35.7	19.9	0.95	NA	NA	NA	NA
0.34, 0.05e-04	-30.9 1e-04, 0.3e-04	44.2	25.5	0.95	NA	NA	NA	NA
-3.3, 0.64,	5.86 1e-04, 0.3e-04	223	174	0.95	NA	NA	NA	NA
-3.4, 0.16,	10.7 1e-04, 0.3e-04	321	280	0.95	NA	NA	NA	NA
-3.3, 0.64,	5.86 1e-04, 0.3e-04	223	174	0.95	NA	NA	NA	NA
-3.4, 0.16,	10.7 1e-04, 0.3e-04	321	280	0.95	NA	NA	NA	NA
-0.38, 1.1,	-36.3 1e-04, 0.3e-04	80.9	60.9	0.95	NA	NA	NA	NA
-0.33, 1, 0.	-36.4 1e-04, 0.3e-04	92.8	73.2	0.95	NA	NA	NA	NA
-0.1, 0.89,	-35.3 1e-04, 0.3e-04	23.9	16.5	0.95	2.35	2.42	1.06	1.01
-0.037, 0.7	-35 1e-04, 0.3e-04	27.2	19.6	0.95	2.78	2.86	1.25	1.2
-0.18, 0.91	-37.3 1e-04, 0.3e-04	24.4	20.2	0.95	2.87	2.96	1.29	1.24
-0.18, 0.81	-36.9 1e-04, 0.3e-04	28.4	25	0.95	3.55	3.66	1.6	1.53
-0.18, 0.91	-37.3 1e-04, 0.3e-04	24.4	20.2	0.95	2.87	2.96	1.29	1.24
-0.18, 0.81	-36.9 1e-04, 0.3e-04	28.4	25	0.95	3.55	3.66	1.6	1.53
-0.21, 1.1,	-33.5 1e-04, 0.3e-04	26.4	18.7	0.95	2.66	2.74	1.2	1.14
-0.24, 1, 0.	-33.4 1e-04, 0.3e-04	31.5	22.3	0.95	3.17	3.27	1.43	1.36
-0.12, 0.89	-35.4 1e-04, 0.3e-04	26.1	17.5	0.95	1.78	1.81	1.12	1.07
-0.052, 0.7	-35.1 1e-04, 0.3e-04	30	21.1	0.95	2.14	2.17	1.34	1.28
-0.66, 1, 0.	-36.4 1e-04, 0.3e-04	31.4	25.9	0.95	2.63	2.67	1.65	1.58
-0.67, 0.87	-36 1e-04, 0.3e-04	36.7	32.3	0.95	3.28	3.32	2.05	1.96
-0.66, 1, 0.	-36.4 1e-04, 0.3e-04	31.4	25.9	0.95	2.63	2.67	1.65	1.58
-0.67, 0.87	-36 1e-04, 0.3e-04	36.7	32.3	0.95	3.28	3.32	2.05	1.96
-0.2, 1, 0.0	-33.5 1e-04, 0.3e-04	28.5	21.8	0.95	2.21	2.24	1.38	1.33
-0.23, 1, 0.	-33.4 1e-04, 0.3e-04	34.5	25.9	0.95	2.63	2.67	1.65	1.58
0.21, 0.16,	-32.2 1e-04, 0.3e-04	54.6	32.5	0.95	NA	NA	NA	NA
0.34, 0.05e-04	-30.9 1e-04, 0.3e-04	48.6	27.8	0.95	NA	NA	NA	NA
-3.3, 0.64,	5.86 1e-04, 0.3e-04	257	225	0.95	NA	NA	NA	NA
-3.4, 0.16,	10.7 1e-04, 0.3e-04	291	265	0.95	NA	NA	NA	NA
-3.3, 0.64,	5.86 1e-04, 0.3e-04	257	225	0.95	NA	NA	NA	NA
-3.4, 0.16,	10.7 1e-04, 0.3e-04	291	265	0.95	NA	NA	NA	NA
-0.38, 1.1,	-36.3 1e-04, 0.3e-04	103	82.2	0.95	NA	NA	NA	NA
-0.33, 1, 0.	-36.4 1e-04, 0.3e-04	103	81.5	0.95	NA	NA	NA	NA
-0.1, 0.89,	-35.3 1e-04, 0.3e-04	30.2	22.1	0.95	3.14	3.23	1.41	1.35
-0.037, 0.7	-35 1e-04, 0.3e-04	29.6	21.2	0.95	3.02	3.11	1.36	1.3
-0.18, 0.91	-37.3 1e-04, 0.3e-04	30.8	28.6	0.95	4.06	4.18	1.82	1.75
-0.18, 0.81	-36.9 1e-04, 0.3e-04	30.9	28.6	0.95	4.06	4.18	1.83	1.75
-0.18, 0.91	-37.3 1e-04, 0.3e-04	30.8	28.6	0.95	4.06	4.18	1.82	1.75
-0.18, 0.81	-36.9 1e-04, 0.3e-04	30.9	28.6	0.95	4.06	4.18	1.83	1.75
-0.21, 1.1,	-33.5 1e-04, 0.3e-04	32.6	24.8	0.95	3.52	3.63	1.58	1.51
-0.24, 1, 0.	-33.4 1e-04, 0.3e-04	34	24.4	0.95	3.46	3.57	1.56	1.49
-0.12, 0.89	-35.4 1e-04, 0.3e-04	33.5	24	0.95	2.43	2.47	1.52	1.46
-0.052, 0.7	-35.1 1e-04, 0.3e-04	32.9	23	0.95	2.34	2.37	1.46	1.4
-0.66, 1, 0.	-36.4 1e-04, 0.3e-04	39.7	36.8	0.95	3.73	3.79	2.34	2.24
-0.67, 0.87	-36 1e-04, 0.3e-04	40	37	0.95	3.76	3.82	2.36	2.26
-0.66, 1, 0.	-36.4 1e-04, 0.3e-04	39.7	36.8	0.95	3.73	3.79	2.34	2.24
-0.67, 0.87	-36 1e-04, 0.3e-04	40	37	0.95	3.76	3.82	2.36	2.26
-0.2, 1, 0.0	-33.5 1e-04, 0.3e-04	35.8	28.9	0.95	2.93	2.98	1.84	1.76
-0.23, 1, 0.	-33.4 1e-04, 0.3e-04	37.5	28.4	0.95	2.89	2.93	1.81	1.73
0.039, -1.1	-232 1e-04, 0.0e-04	7	3.7	0.95	NA	NA	NA	NA
0.25, -1.7,	-215 1e-04, 0.0e-04	9.79	5.47	0.95	NA	NA	NA	NA
-1.5, 1.8, 2	-213 1e-04, 0.0e-04	22.2	17.3	0.95	NA	NA	NA	NA

-2.7, 1.2, 2	-182 1e-04, 0.00	54.7	47.1	0.95	NA	NA	NA	NA
-1.5, 1.8, 2	-213 1e-04, 0.00	22.2	17.3	0.95	NA	NA	NA	NA
-2.7, 1.2, 2	-182 1e-04, 0.00	54.7	47.1	0.95	NA	NA	NA	NA
-0.14, 0.31	-238 1e-04, 0.00	19.1	11.6	0.95	NA	NA	NA	NA
-0.022, 0.1	-223 1e-04, 0.00	24.1	16.2	0.95	NA	NA	NA	NA
0.025, -0.9	-234 1e-04, 0.00	7.72	4.07	0.95	0.578	0.595	0.26	0.249
0.23, -1.5,	-216 1e-04, 0.00	10.9	6.07	0.95	0.863	0.888	0.387	0.371
-1.6, 2.1, 2	-213 1e-04, 0.00	26.2	20.3	0.95	2.88	2.97	1.29	1.24
-2.7, 1.3, 2	-184 1e-04, 0.00	61.4	53	0.95	7.53	7.76	3.38	3.24
-1.6, 2.1, 2	-213 1e-04, 0.00	26.2	20.3	0.95	2.88	2.97	1.29	1.24
-2.7, 1.3, 2	-184 1e-04, 0.00	61.4	53	0.95	7.53	7.76	3.38	3.24
-0.14, 0.31	-238 1e-04, 0.00	19.9 NA		0.95	NA	NA	NA	NA
-0.02, 0.13	-223 1e-04, 0.00	25.6	16.4	0.95	2.34	2.4	1.05	1
0.014, -0.8	-235 1e-04, 0.00	34.6	21.7	0.95	2.21	2.24	1.38	1.32
0.22, -1.4,	-218 1e-04, 0.00	44.7	29.2	0.95	2.97	3.01	1.86	1.78
-0.56, 0.34	-233 1e-04, 0.00	49.8	41.1	0.95	4.17	4.23	2.61	2.5
-1.2, 0.29,	-211 1e-04, 0.00	84	73.1	0.95	7.43	7.53	4.65	4.45
-0.56, 0.34	-233 1e-04, 0.00	49.8	41.1	0.95	4.17	4.23	2.61	2.5
-1.2, 0.29,	-211 1e-04, 0.00	84	73.1	0.95	7.43	7.53	4.65	4.45
-0.13, 0.3,	-238 1e-04, 0.00	66.4	42.8	0.95	4.35	4.41	2.72	2.61
-0.019, 0.1	-223 1e-04, 0.00	80.5	56.9	0.95	5.78	5.86	3.62	3.47
0.053, -0.0	-270 1e-04, 1e-1	24	16.8	0.95	NA	NA	NA	NA
0.095, -0.1	-235 1e-04, 1e-1	38.1	27.9	0.95	NA	NA	NA	NA
0.053, -0.0	-270 1e-04, 1e-1	24	18.8	0.95	NA	NA	NA	NA
0.095, -0.1	-235 1e-04, 1e-1	38.1	32.3	0.95	NA	NA	NA	NA
0.22, -0.32	-272 1e-04, 1e-1	22.2	18.6	0.95	NA	NA	NA	NA
0.2, -0.23,	-237 1e-04, 1e-1	36.8	32.3	0.95	NA	NA	NA	NA
0.016, 0.0f	-268 1e-04, 1e-1	25.2 NA		0.95	NA	NA	NA	NA
-0.028, 0.1	-233 1e-04, 1e-1	41.3	30	0.95	NA	NA	NA	NA
0.039, -1.1	-232 1e-04, 0.00	8.09	4.41	0.95	NA	NA	NA	NA
0.25, -1.7,	-215 1e-04, 0.00	5.56	2.78	0.95	NA	NA	NA	NA
-1.5, 1.8, 2	-213 1e-04, 0.00	24.5	20.9	0.95	NA	NA	NA	NA
-2.7, 1.2, 2	-182 1e-04, 0.00	35.5	31.6	0.95	NA	NA	NA	NA
-1.5, 1.8, 2	-213 1e-04, 0.00	24.5	20.9	0.95	NA	NA	NA	NA
-2.7, 1.2, 2	-182 1e-04, 0.00	35.5	31.6	0.95	NA	NA	NA	NA
-0.14, 0.31	-238 1e-04, 0.00	20.5	12.9	0.95	NA	NA	NA	NA
-0.022, 0.1	-223 1e-04, 0.00	20.2	12.4	0.95	NA	NA	NA	NA
0.025, -0.9	-234 1e-04, 0.00	8.97	4.89	0.95	0.696	0.716	0.313	0.299
0.23, -1.5,	-216 1e-04, 0.00	6.3	3.15	0.95	0.447	0.46	0.201	0.192
-1.6, 2.1, 2	-213 1e-04, 0.00	28.4	24.2	0.95	3.44	3.55	1.55	1.48
-2.7, 1.3, 2	-184 1e-04, 0.00	40.3	35.9	0.95	5.1	5.25	2.29	2.19
-1.6, 2.1, 2	-213 1e-04, 0.00	28.4	24.2	0.95	3.44	3.55	1.55	1.48
-2.7, 1.3, 2	-184 1e-04, 0.00	40.3	35.9	0.95	5.1	5.25	2.29	2.19
-0.14, 0.31	-238 1e-04, 0.00	21.5	13.2	0.95	1.88	1.94	0.845	0.808
-0.02, 0.13	-223 1e-04, 0.00	21.1	12.3	0.95	1.76	1.81	0.789	0.755
0.014, -0.8	-235 1e-04, 0.00	38.7	25	0.95	2.54	2.57	1.59	1.52
0.22, -1.4,	-218 1e-04, 0.00	30.4	18.4	0.95	1.86	1.89	1.17	1.12
-0.56, 0.34	-233 1e-04, 0.00	55.4	49.8	0.95	5.06	5.13	3.17	3.03
-1.2, 0.29,	-211 1e-04, 0.00	61.5	55.6	0.95	5.65	5.73	3.53	3.38
-0.56, 0.34	-233 1e-04, 0.00	55.4	49.8	0.95	5.06	5.13	3.17	3.03
-1.2, 0.29,	-211 1e-04, 0.00	61.5	55.6	0.95	5.65	5.73	3.53	3.38
-0.13, 0.3,	-238 1e-04, 0.00	70.4	46.8	0.95	4.76	4.82	2.98	2.85

-0.019, 0.1	-223 1e-04, 0.00	69.5	45.4	0.95	4.61	4.68	2.89	2.76
0.053, -0.0	-270 1e-04, 1e-0	28.4	21.1	0.95 NA	NA	NA	NA	NA
0.095, -0.1	-235 1e-04, 1e-0	27.4	18.8	0.95 NA	NA	NA	NA	NA
0.053, -0.0	-270 1e-04, 1e-0	28.4	24	0.95 NA	NA	NA	NA	NA
0.095, -0.1	-235 1e-04, 1e-0	27.4	24	0.95 NA	NA	NA	NA	NA
0.22, -0.32	-272 1e-04, 1e-0	26.5	23.9	0.95 NA	NA	NA	NA	NA
0.2, -0.23,	-237 1e-04, 1e-0	26.2	24	0.95 NA	NA	NA	NA	NA
0.016, 0.05	-268 1e-04, 1e-0	29.5	22.6	0.95 NA	NA	NA	NA	NA
-0.028, 0.1	-233 1e-04, 1e-0	30.9	21.2	0.95 NA	NA	NA	NA	NA
0.28, -1.7,	2.54 1e-04, 1e-0	18.7	12.8	0.95 NA	NA	NA	NA	NA
0.5, -2, 0.8	32.3 1e-04, 1e-0	25.6	17.8	0.95 NA	NA	NA	NA	NA
-0.0016, -1	1.25 1e-04, 1e-0	21.6	17.8	0.95 NA	NA	NA	NA	NA
-0.7, -0.99,	35.9 1e-04, 1e-0	40.8	35.6	0.95 NA	NA	NA	NA	NA
-0.0016, -1	1.25 1e-04, 1e-0	21.6	17.8	0.95 NA	NA	NA	NA	NA
-0.7, -0.99,	35.9 1e-04, 1e-0	40.8	35.6	0.95 NA	NA	NA	NA	NA
-0.099, -0.0	-5.38 1e-04, 1e-0	30.4	22.6	0.95 NA	NA	NA	NA	NA
0.1, -0.43,	25.9 1e-04, 1e-0	37.7	27.7	0.95 NA	NA	NA	NA	NA
0.25, -1.5,	0.565 1e-04, 1e-0	21	14.4	0.95	2.04	2.1	0.918	0.878
0.46, -1.8,	30.3 1e-04, 1e-0	29.1	20.2	0.95	2.87	2.95	1.29	1.23
-0.071, -0.!	-0.594 1e-04, 1e-0	24.7	20.4	0.95	2.9	2.98	1.3	1.25
-0.7, -0.84,	33.5 1e-04, 1e-0	45.8	40	0.95	5.69	5.86	2.56	2.45
-0.071, -0.!	-0.594 1e-04, 1e-0	24.7	20.4	0.95	2.9	2.98	1.3	1.25
-0.7, -0.84,	33.5 1e-04, 1e-0	45.8	40	0.95	5.69	5.86	2.56	2.45
-0.1, -0.02	-5.38 1e-04, 1e-0	32.9 NA		0.95 NA	NA	NA	NA	NA
0.1, -0.43,	25.9 1e-04, 1e-0	41.3	29.6	0.95	4.21	4.34	1.89	1.81
0.22, -1.4,	-0.808 1e-04, 1e-0	72.2	54.8	0.95	5.57	5.65	3.49	3.34
0.43, -1.7,	29 1e-04, 1e-0	92.4	70.7	0.95	7.18	7.28	4.49	4.3
0.22, -1.4,	-0.808 1e-04, 1e-0	72.2	54.8	0.95	5.57	5.65	3.49	3.34
0.43, -1.7,	29 1e-04, 1e-0	92.4	70.7	0.95	7.18	7.28	4.49	4.3
0.99, -2.9,	4.55 1e-04, 1e-0	48.5	41	0.95	4.16	4.22	2.61	2.5
1.1, -2.4, 0	29.5 1e-04, 1e-0	73.8	64.6	0.95	6.56	6.65	4.11	3.93
-0.1, -0.02,	-5.37 1e-04, 1e-0	97.7	76.2	0.95	7.74	7.86	4.85	4.64
0.099, -0.4	25.9 1e-04, 1e-0	116	90	0.95	9.15	9.28	5.73	5.48
0.71, -2, 0.	-24 1e-04, 1e-0	34.3	26.2	0.95 NA	NA	NA	NA	NA
0.68, -1.8,	25.2 1e-04, 1e-0	47.7	36.3	0.95 NA	NA	NA	NA	NA
0.71, -2, 0.	-24 1e-04, 1e-0	34.3	26.2	0.95 NA	NA	NA	NA	NA
0.68, -1.8,	25.2 1e-04, 1e-0	47.7	36.3	0.95 NA	NA	NA	NA	NA
0.92, -2.5,	-20.6 1e-04, 1e-0	29.4	22.6	0.95 NA	NA	NA	NA	NA
1.5, -2.3, -1	26.2 1e-04, 1e-0	37.1	32.5	0.95 NA	NA	NA	NA	NA
0.35, -0.97	-27.2 1e-04, 1e-0	42.9 NA		0.95 NA	NA	NA	NA	NA
0.22, -0.66	22.6 1e-04, 1e-0	58.8	44.6	0.95 NA	NA	NA	NA	NA
0.28, -1.7,	2.54 1e-04, 1e-0	16.9	11.5	0.95 NA	NA	NA	NA	NA
0.5, -2, 0.8	32.3 1e-04, 1e-0	12.2	7.42	0.95 NA	NA	NA	NA	NA
-0.0016, -1	1.25 1e-04, 1e-0	19.9	17.7	0.95 NA	NA	NA	NA	NA
-0.7, -0.99,	35.9 1e-04, 1e-0	22.2	20.1	0.95 NA	NA	NA	NA	NA
-0.0016, -1	1.25 1e-04, 1e-0	19.9	17.7	0.95 NA	NA	NA	NA	NA
-0.7, -0.99,	35.9 1e-04, 1e-0	22.2	20.1	0.95 NA	NA	NA	NA	NA
-0.099, -0.0	-5.38 1e-04, 1e-0	29.4	21.6	0.95 NA	NA	NA	NA	NA
0.1, -0.43,	25.9 1e-04, 1e-0	26.1	16.7	0.95 NA	NA	NA	NA	NA
0.25, -1.5,	0.565 1e-04, 1e-0	19.1	12.9	0.95	1.84	1.9	0.827	0.792
0.46, -1.8,	30.3 1e-04, 1e-0	14.1	8.6	0.95	1.22	1.26	0.549	0.526
-0.071, -0.!	-0.594 1e-04, 1e-0	22.8	20.4	0.95	2.89	2.98	1.3	1.24

-0.7, -0.84,	33.5 1e-04, 1e-04	25.3	22.9	0.95	3.25	3.35	1.46	1.4
-0.071, -0.071,	-0.594 1e-04, 1e-04	22.8	20.4	0.95	2.89	2.98	1.3	1.24
-0.7, -0.84,	33.5 1e-04, 1e-04	25.3	22.9	0.95	3.25	3.35	1.46	1.4
-0.1, -0.02,	-5.38 1e-04, 1e-04	31.7	22.7	0.95	3.23	3.32	1.45	1.39
0.1, -0.43,	25.9 1e-04, 1e-04	27.9	17.1	0.95	2.43	2.5	1.09	1.05
0.22, -1.4,	-0.808 1e-04, 1e-04	67.6	51.1	0.95	5.19	5.26	3.25	3.11
0.43, -1.7,	29 1e-04, 1e-04	55.1	38.5	0.95	3.91	3.97	2.45	2.35
0.22, -1.4,	-0.808 1e-04, 1e-04	67.6	51.1	0.95	5.19	5.26	3.25	3.11
0.43, -1.7,	29 1e-04, 1e-04	55.1	38.5	0.95	3.91	3.97	2.45	2.35
0.99, -2.9,	4.55 1e-04, 1e-04	42.5	38.1	0.95	3.87	3.92	2.42	2.32
1.1, -2.4, 0	29.5 1e-04, 1e-04	39.5	35.7	0.95	3.62	3.67	2.27	2.17
-0.1, -0.02,	-5.37 1e-04, 1e-04	95.1	73.4	0.95	7.46	7.57	4.67	4.47
0.099, -0.4	25.9 1e-04, 1e-04	86.2	58.8	0.95	5.97	6.06	3.74	3.58
0.71, -2, 0.	-24 1e-04, 1e-04	32.7	25.2	0.95	NA	NA	NA	NA
0.68, -1.8,	25.2 1e-04, 1e-04	26.5	18.3	0.95	NA	NA	NA	NA
0.71, -2, 0.	-24 1e-04, 1e-04	32.7	25.2	0.95	NA	NA	NA	NA
0.68, -1.8,	25.2 1e-04, 1e-04	26.5	18.3	0.95	NA	NA	NA	NA
0.92, -2.5,	-20.6 1e-04, 1e-04	27.5	21.5	0.95	NA	NA	NA	NA
1.5, -2.3, -1	26.2 1e-04, 1e-04	18	16.3	0.95	NA	NA	NA	NA
0.35, -0.97	-27.2 1e-04, 1e-04	42	32.4	0.95	NA	NA	NA	NA
0.22, -0.66	22.6 1e-04, 1e-04	41.1	26.8	0.95	NA	NA	NA	NA
0.1, -1.3, 2	-474 1e-04, 0.48	15.7	4.13	0.95	NA	NA	NA	NA
0.053, -1.2	-472 1e-04, 0.48	23.7	8.71	0.95	NA	NA	NA	NA
-1.8, 0.96,	-460 1e-04, 0.48	79.6	54.5	0.95	NA	NA	NA	NA
-2, 0.81, 4.	-460 1e-04, 0.48	97.3	80	0.95	NA	NA	NA	NA
-1.8, 0.96,	-460 1e-04, 0.48	79.6	54.5	0.95	NA	NA	NA	NA
-2, 0.81, 4.	-460 1e-04, 0.48	97.3	80	0.95	NA	NA	NA	NA
-0.014, 0.0	-476 1e-04, 0.48	35.2	19.2	0.95	NA	NA	NA	NA
4e-07, -1.1	-472 1e-04, 0.48	37.2	21.2	0.95	NA	NA	NA	NA
0.1, -1.3, 2	-474 1e-04, 0.48	0.0647	0.0157	0.95	0.00786	0.00787	0.00517	0.00494
0.056, -1.3	-472 1e-04, 0.48	0.0997	0.0347	0.95	0.0174	0.0174	0.0114	0.0109
-2, 1, 4.2, -	-457 1e-04, 0.48	0.419	0.278	0.95	0.139	0.139	0.0914	0.0874
-2.2, 0.85,	-458 1e-04, 0.48	0.503	0.412	0.95	0.206	0.206	0.136	0.13
-2, 1, 4.2, -	-457 1e-04, 0.48	0.419	0.278	0.95	0.139	0.139	0.0914	0.0874
-2.2, 0.85,	-458 1e-04, 0.48	0.503	0.412	0.95	0.206	0.206	0.136	0.13
-0.014, 0.0	-476 1e-04, 0.48	0.156	NA	0.95	NA	NA	NA	NA
2e-07, -3e	-472 1e-04, 0.48	0.165	0.0911	0.95	0.0456	0.0456	0.03	0.0287
0.095, -1.2	-474 1e-04, 0.48	62.6	23.4	0.95	1.98	2	1.25	1.2
0.052, -1.1	-472 1e-04, 0.48	85.1	40.3	0.95	3.4	3.44	2.15	2.05
-0.85, 0.33	-470 1e-04, 0.48	134	100	0.95	8.49	8.59	5.36	5.13
-1.1, 0.29,	-469 1e-04, 0.48	167	139	0.95	11.7	11.9	7.41	7.1
-0.85, 0.33	-470 1e-04, 0.48	134	100	0.95	8.49	8.59	5.36	5.13
-1.1, 0.29,	-469 1e-04, 0.48	167	139	0.95	11.7	11.9	7.41	7.1
-0.014, 0.0	-476 1e-04, 0.48	110	66.7	0.95	5.63	5.7	3.55	3.4
8e-07, -2.9	-472 1e-04, 0.48	116	69.2	0.95	5.84	5.91	3.69	3.53
0.1, -1.3, 2	-474 1e-04, 0.48	18.2	5.58	0.95	NA	NA	NA	NA
0.053, -1.2	-472 1e-04, 0.48	19	6.16	0.95	NA	NA	NA	NA
-1.8, 0.96,	-460 1e-04, 0.48	76.2	58	0.95	NA	NA	NA	NA
-2, 0.81, 4.	-460 1e-04, 0.48	84.2	70.3	0.95	NA	NA	NA	NA
-1.8, 0.96,	-460 1e-04, 0.48	76.2	58	0.95	NA	NA	NA	NA
-2, 0.81, 4.	-460 1e-04, 0.48	84.2	70.3	0.95	NA	NA	NA	NA
-0.014, 0.0	-476 1e-04, 0.48	36.4	21.7	0.95	NA	NA	NA	NA

4e-07, -1.1	-472 1e-04, 0.48	36.8	18.5	0.95	NA	NA	NA	NA
0.1, -1.3, 2	-474 1e-04, 0.48	0.0753	0.0216	0.95	0.0108	0.0108	0.00709	0.00678
0.056, -1.3	-472 1e-04, 0.48	0.079	0.0241	0.95	0.012	0.0121	0.00792	0.00758
-2, 1, 4.2, -	-457 1e-04, 0.48	0.391	0.29	0.95	0.145	0.145	0.0954	0.0912
-2.2, 0.85,	-458 1e-04, 0.48	0.432	0.359	0.95	0.18	0.18	0.118	0.113
-2, 1, 4.2, -	-457 1e-04, 0.48	0.391	0.29	0.95	0.145	0.145	0.0954	0.0912
-2.2, 0.85,	-458 1e-04, 0.48	0.432	0.359	0.95	0.18	0.18	0.118	0.113
-0.014, 0.0	-476 1e-04, 0.48	0.161	0.0928	0.95	0.0464	0.0465	0.0305	0.0292
2e-07, -3e-	-472 1e-04, 0.48	0.163	0.0792	0.95	0.0396	0.0397	0.026	0.0249
0.095, -1.2	-474 1e-04, 0.48	70.3	29.5	0.95	2.49	2.52	1.57	1.5
0.052, -1.1	-472 1e-04, 0.48	72.4	31.1	0.95	2.63	2.66	1.66	1.59
-0.85, 0.33	-470 1e-04, 0.48	139	114	0.95	9.62	9.74	6.07	5.81
-1.1, 0.29,	-469 1e-04, 0.48	150	127	0.95	10.7	10.8	6.74	6.46
-0.85, 0.33	-470 1e-04, 0.48	139	114	0.95	9.62	9.74	6.07	5.81
-1.1, 0.29,	-469 1e-04, 0.48	150	127	0.95	10.7	10.8	6.74	6.46
-0.014, 0.0	-476 1e-04, 0.48	114	74.1	0.95	6.26	6.33	3.95	3.78
8e-07, -2.9	-472 1e-04, 0.48	114	60.7	0.95	5.12	5.19	3.23	3.1
0.068, 0.2,	-509 1e-04, 0.00	142	66.5	0.95	NA	NA	NA	NA
-0.075, 0.3	-504 1e-04, 0.00	182	105	0.95	NA	NA	NA	NA
-0.056, 0.3	-511 1e-04, 0.00	151	102	0.95	NA	NA	NA	NA
-0.075, 0.3	-504 1e-04, 0.00	182	133	0.95	NA	NA	NA	NA
-0.056, 0.3	-511 1e-04, 0.00	151	102	0.95	NA	NA	NA	NA
-0.033, 0.3	-506 1e-04, 0.00	179	133	0.95	NA	NA	NA	NA
-0.043, 0.3	-509 1e-04, 0.00	150	NA	0.95	NA	NA	NA	NA
-0.076, 0.3	-502 1e-04, 0.00	182	NA	0.95	NA	NA	NA	NA
0.068, 0.2,	-509 1e-04, 0.00	140	70.6	0.95	NA	NA	NA	NA
-0.075, 0.3	-504 1e-04, 0.00	150	73	0.95	NA	NA	NA	NA
-0.056, 0.3	-511 1e-04, 0.00	148	102	0.95	NA	NA	NA	NA
-0.075, 0.3	-504 1e-04, 0.00	150	109	0.95	NA	NA	NA	NA
-0.056, 0.3	-511 1e-04, 0.00	148	102	0.95	NA	NA	NA	NA
-0.033, 0.3	-506 1e-04, 0.00	147	109	0.95	NA	NA	NA	NA
-0.043, 0.3	-509 1e-04, 0.00	147	73.1	0.95	NA	NA	NA	NA
-0.076, 0.3	-502 1e-04, 0.00	150	75.2	0.95	NA	NA	NA	NA
0.43, -2, 2.	-237 1e-04, 0.00	41.7	26.2	0.95	NA	NA	NA	NA
0.26, -1.8,	-231 1e-04, 0.00	54.9	36.5	0.95	NA	NA	NA	NA
0.2, -1.8, 3	-239 1e-04, 0.00	47.1	37.7	0.95	NA	NA	NA	NA
0.06, -1.6,	-233 1e-04, 0.00	59.5	51.1	0.95	NA	NA	NA	NA
0.2, -1.8, 3	-239 1e-04, 0.00	47.1	37.7	0.95	NA	NA	NA	NA
0.06, -1.6,	-233 1e-04, 0.00	59.5	51.1	0.95	NA	NA	NA	NA
0.33, -1.2,	-237 1e-04, 0.00	46.3	34.7	0.95	NA	NA	NA	NA
0.23, -1.6,	-229 1e-04, 0.00	55.8	39.6	0.95	NA	NA	NA	NA
0.44, -2.1,	-237 1e-04, 0.00	0.181	0.11	0.95	0.0553	0.0553	0.0363	0.0348
0.29, -1.9,	-231 1e-04, 0.00	0.238	0.154	0.95	0.0773	0.0773	0.0508	0.0486
-0.04, -1.6,	-238 1e-04, 0.00	0.236	0.186	0.95	0.0931	0.0931	0.0612	0.0585
-0.25, -1.5,	-232 1e-04, 0.00	0.301	0.258	0.95	0.129	0.129	0.0849	0.0812
-0.04, -1.6,	-238 1e-04, 0.00	0.236	0.186	0.95	0.0931	0.0931	0.0612	0.0585
-0.25, -1.5,	-232 1e-04, 0.00	0.301	0.258	0.95	0.129	0.129	0.0849	0.0812
0.34, -1.2,	-238 1e-04, 0.00	0.206	0.154	0.95	0.0769	0.077	0.0506	0.0484
0.25, -1.6,	-229 1e-04, 0.00	0.248	0.174	0.95	0.0869	0.087	0.0571	0.0546
0.4, -1.8, 2	-238 1e-04, 0.00	131	93	0.95	7.86	7.95	4.96	4.75
0.2, -1.5, 2	-231 1e-04, 0.00	164	121	0.95	10.2	10.3	6.43	6.16
0.4, -1.8, 2	-238 1e-04, 0.00	131	93	0.95	7.86	7.95	4.96	4.75

0.2, -1.5, 2	-231 1e-04, 0.0%	164	121	0.95	10.2	10.3	6.43	6.16
0.96, -2.7,	-237 1e-04, 0.0%	95.2	78	0.95	6.59	6.67	4.16	3.98
1.1, -2.5, 1	-229 1e-04, 0.0%	117	99.9	0.95	8.44	8.54	5.33	5.1
0.31, -1.1,	-237 1e-04, 0.0%	139 NA		0.95 NA	NA	NA	NA	NA
0.2, -1.5, 2	-229 1e-04, 0.0%	164	121	0.95	10.2	10.3	6.44	6.16
0.43, -2, 2.	-237 1e-04, 0.0%	35.5	22.2	0.95 NA	NA	NA	NA	NA
0.26, -1.8,	-231 1e-04, 0.0%	37.3	22.2	0.95 NA	NA	NA	NA	NA
0.2, -1.8, 3	-239 1e-04, 0.0%	40.5	34.7	0.95 NA	NA	NA	NA	NA
0.06, -1.6,	-233 1e-04, 0.0%	41.3	36.5	0.95 NA	NA	NA	NA	NA
0.2, -1.8, 3	-239 1e-04, 0.0%	40.5	34.7	0.95 NA	NA	NA	NA	NA
0.06, -1.6,	-233 1e-04, 0.0%	41.3	36.5	0.95 NA	NA	NA	NA	NA
0.33, -1.2,	-237 1e-04, 0.0%	43.9	28.5	0.95 NA	NA	NA	NA	NA
0.23, -1.6,	-229 1e-04, 0.0%	39.1	26.4	0.95 NA	NA	NA	NA	NA
0.44, -2.1,	-237 1e-04, 0.0%	0.151	0.0918	0.95	0.0459	0.046	0.0302	0.0289
0.29, -1.9,	-231 1e-04, 0.0%	0.157	0.0904	0.95	0.0452	0.0453	0.0297	0.0284
-0.04, -1.6,	-238 1e-04, 0.0%	0.2	0.17	0.95	0.0853	0.0853	0.0561	0.0536
-0.25, -1.5,	-232 1e-04, 0.0%	0.209	0.185	0.95	0.0926	0.0926	0.0608	0.0582
-0.04, -1.6,	-238 1e-04, 0.0%	0.2	0.17	0.95	0.0853	0.0853	0.0561	0.0536
-0.25, -1.5,	-232 1e-04, 0.0%	0.209	0.185	0.95	0.0926	0.0926	0.0608	0.0582
0.34, -1.2,	-238 1e-04, 0.0%	0.194	0.126	0.95	0.063	0.0631	0.0414	0.0396
0.25, -1.6,	-229 1e-04, 0.0%	0.173	0.115	0.95	0.0577	0.0577	0.0379	0.0363
0.4, -1.8, 2	-238 1e-04, 0.0%	118	83.3	0.95	7.04	7.12	4.44	4.25
0.2, -1.5, 2	-231 1e-04, 0.0%	124	84.4	0.95	7.12	7.21	4.5	4.3
0.4, -1.8, 2	-238 1e-04, 0.0%	118	83.3	0.95	7.04	7.12	4.44	4.25
0.2, -1.5, 2	-231 1e-04, 0.0%	124	84.4	0.95	7.12	7.21	4.5	4.3
0.96, -2.7,	-237 1e-04, 0.0%	83.1	71	0.95	6	6.07	3.78	3.62
1.1, -2.5, 1	-229 1e-04, 0.0%	77.2	67.6	0.95	5.71	5.78	3.6	3.45
0.31, -1.1,	-237 1e-04, 0.0%	134	94.8	0.95	8.01	8.11	5.05	4.84
0.2, -1.5, 2	-229 1e-04, 0.0%	124	84.4	0.95	7.12	7.21	4.5	4.3
0.83, -1.9,	-275 1e-04, 0.0%	103	70.8	0.95 NA	NA	NA	NA	NA
0.72, -1.7,	-262 1e-04, 0.0%	118	81.9	0.95 NA	NA	NA	NA	NA
0.83, -1.9,	-275 1e-04, 0.0%	103	70.8	0.95 NA	NA	NA	NA	NA
0.72, -1.7,	-262 1e-04, 0.0%	118	83.6	0.95 NA	NA	NA	NA	NA
1.3, -2.4, -1	-274 1e-04, 0.0%	80.1	61.5	0.95 NA	NA	NA	NA	NA
1.2, -2.1, -1	-263 1e-04, 0.0%	97.1	79.8	0.95 NA	NA	NA	NA	NA
0.66, -1.4,	-275 1e-04, 0.0%	99.5 NA		0.95 NA	NA	NA	NA	NA
0.55, -1.1,	-263 1e-04, 0.0%	108	81.3	0.95 NA	NA	NA	NA	NA
0.83, -1.9,	-275 1e-04, 0.0%	89.5	59.5	0.95 NA	NA	NA	NA	NA
0.72, -1.7,	-262 1e-04, 0.0%	83.3	50.2	0.95 NA	NA	NA	NA	NA
0.83, -1.9,	-275 1e-04, 0.0%	89.5	59.5	0.95 NA	NA	NA	NA	NA
0.72, -1.7,	-262 1e-04, 0.0%	83.3	53.7	0.95 NA	NA	NA	NA	NA
1.3, -2.4, -1	-274 1e-04, 0.0%	66.3	52	0.95 NA	NA	NA	NA	NA
1.2, -2.1, -1	-263 1e-04, 0.0%	61.8	51.3	0.95 NA	NA	NA	NA	NA
0.66, -1.4,	-275 1e-04, 0.0%	91.2	65.9	0.95 NA	NA	NA	NA	NA
0.55, -1.1,	-263 1e-04, 0.0%	89.4	61	0.95 NA	NA	NA	NA	NA
0.58, -0.72	829 8e-04, 0.0%	95.6	18.3	0.95 NA	NA	NA	NA	NA
0.063, -0.4	832 8e-04, 0.0%	29.8	1.66	0.95 NA	NA	NA	NA	NA
1, -0.78, -0	828 8e-04, 0.0%	125	85.4	0.95 NA	NA	NA	NA	NA
1.2, -0.98,	832 8e-04, 0.0%	96.2	66.2	0.95 NA	NA	NA	NA	NA
1, -0.78, -0	828 8e-04, 0.0%	125	85.4	0.95 NA	NA	NA	NA	NA
2.9, -2.4, -1	940 8e-04, 0.0%	38.6	24.4	0.95 NA	NA	NA	NA	NA
1, -0.87, -0	832 8e-04, 0.0%	105 NA		0.95 NA	NA	NA	NA	NA

1.8e-10, -0	835 8e-04, 0.0	27.6	7.02	0.95	NA	NA	NA	NA
0.56, -0.7,	829 8e-04, 0.0	116	10.7	0.95	3.71	3.59	26	28.7
0.059, -0.4	832 8e-04, 0.0	21.9	0.364	0.95	0.126	0.122	0.885	0.979
1.3, -0.74,	828 8e-04, 0.0	214	149	0.95	51.6	50	362	400
1.5, -0.92,	833 8e-04, 0.0	173	117	0.95	40.7	39.4	285	316
1.3, -0.74,	828 8e-04, 0.0	214	149	0.95	51.6	50	362	400
2.5, -1.5, -	857 8e-04, 0.0	102	69.3	0.95	24.1	23.3	169	186
1, -0.86, -0	832 8e-04, 0.0	131	NA	0.95	NA	NA	NA	NA
0.48, -0.91	833 8e-04, 0.0	34.4	4.98	0.95	1.73	1.67	12.1	13.4
0.84, -0.91	830 8e-04, 0.0	78.5	33.3	0.95	2.82	2.85	1.78	1.7
0.11, -0.58	833 8e-04, 0.0	38.2	5.94	0.95	0.502	0.508	0.317	0.303
0.84, -0.91	830 8e-04, 0.0	78.5	42.8	0.95	3.62	3.66	2.28	2.19
0.4, -0.84,	831 8e-04, 0.0	47.9	33.5	0.95	2.83	2.86	1.78	1.71
0.21, -0.78	828 8e-04, 0.0	61.3	40.8	0.95	3.45	3.49	2.17	2.08
0.94, -2, 1.	921 8e-04, 0.0	20.4	13.4	0.95	1.13	1.15	0.715	0.684
1.2, -0.92,	832 8e-04, 0.0	80.3	NA	0.95	NA	NA	NA	NA
6.1e-10, -0	836 8e-04, 0.0	32.9	8.82	0.95	0.745	0.754	0.47	0.45
-0.059, 0.2	-128 0.0291, 0.8	43.6	3.49	0.95	NA	NA	NA	NA
-0.052, 0.2	-130 0.0291, 0.8	50.7	5.39	0.95	NA	NA	NA	NA
-0.82, 0.64	-129 0.0291, 0.8	96.4	58.4	0.95	NA	NA	NA	NA
-0.8, 0.6, 0	-131 0.0291, 0.8	102	69.3	0.95	NA	NA	NA	NA
-0.82, 0.64	-129 0.0291, 0.8	96.4	58.4	0.95	NA	NA	NA	NA
-0.8, 0.6, 0	-131 0.0291, 0.8	102	69.3	0.95	NA	NA	NA	NA
-0.21, 0.5,	-128 0.0291, 0.8	46.2	NA	0.95	NA	NA	NA	NA
-0.23, 0.5,	-130 0.0291, 0.8	54.3	13.4	0.95	NA	NA	NA	NA
-0.026, 0.1	-128 0.0291, 0.8	0.0897	0.00491	0.95	0.00152	0.00152	0.000997	0.000954
-0.017, 0.1	-130 0.0291, 0.8	0.106	0.00786	0.95	0.00243	0.00243	0.0016	0.00153
-1, 0.54, 0.	-128 0.0291, 0.8	0.299	0.181	0.95	0.0557	0.0558	0.0366	0.0351
-1, 0.52, 0.	-130 0.0291, 0.8	0.312	0.21	0.95	0.0647	0.0648	0.0425	0.0407
-1, 0.54, 0.	-128 0.0291, 0.8	0.299	0.181	0.95	0.0557	0.0558	0.0366	0.0351
-1, 0.52, 0.	-130 0.0291, 0.8	0.312	0.21	0.95	0.0647	0.0648	0.0425	0.0407
-0.14, 0.39	-128 0.0291, 0.8	0.0878	NA	0.95	NA	NA	NA	NA
-0.15, 0.39	-130 0.0291, 0.8	0.103	0.0262	0.95	0.0081	0.0081	0.00532	0.00509
-0.025, 0.1	-128 0.0291, 0.8	0.0933	0.00499	0.95	0.0025	0.0025	0.00164	0.00157
-0.016, 0.1	-130 0.0291, 0.8	0.11	0.00802	0.95	0.00401	0.00401	0.00264	0.00252
-1, 0.54, 0.	-128 0.0291, 0.8	0.318	0.192	0.95	0.096	0.096	0.0631	0.0603
-1, 0.52, 0.	-130 0.0291, 0.8	0.331	0.222	0.95	0.111	0.111	0.0731	0.07
-1, 0.54, 0.	-128 0.0291, 0.8	0.318	0.192	0.95	0.096	0.096	0.0631	0.0603
-1, 0.52, 0.	-130 0.0291, 0.8	0.331	0.222	0.95	0.111	0.111	0.0731	0.07
-0.14, 0.39	-128 0.0291, 0.8	0.0912	NA	0.95	NA	NA	NA	NA
-0.15, 0.39	-130 0.0291, 0.8	0.107	0.0272	0.95	0.0136	0.0136	0.00894	0.00855
-0.12, 0.44	-128 0.0291, 0.8	47.4	9.94	0.95	0.839	0.849	0.53	0.507
-0.13, 0.45	-129 0.0291, 0.8	52.5	13.4	0.95	1.13	1.15	0.716	0.685
-0.14, 0.46	-130 0.0291, 0.8	48.1	30	0.95	2.54	2.57	1.6	1.53
-0.13, 0.45	-129 0.0291, 0.8	52.5	35.8	0.95	3.02	3.06	1.91	1.83
-0.14, 0.46	-130 0.0291, 0.8	48.1	30	0.95	2.54	2.57	1.6	1.53
-0.12, 0.45	-131 0.0291, 0.8	52.3	35.8	0.95	3.02	3.06	1.91	1.83
-0.14, 0.46	-128 0.0291, 0.8	48	NA	0.95	NA	NA	NA	NA
-0.13, 0.45	-127 0.0291, 0.8	52.5	35.7	0.95	3.02	3.05	1.9	1.82
-0.059, 0.2	-128 0.0291, 0.8	66	9.15	0.95	NA	NA	NA	NA
-0.052, 0.2	-130 0.0291, 0.8	66	8.01	0.95	NA	NA	NA	NA
-0.82, 0.64	-129 0.0291, 0.8	117	77.6	0.95	NA	NA	NA	NA

-0.8, 0.6, 0	-131 0.0291, 0.8	118	80.5	0.95 NA	NA	NA	NA	
-0.82, 0.64	-129 0.0291, 0.8	117	77.6	0.95 NA	NA	NA	NA	
-0.8, 0.6, 0	-131 0.0291, 0.8	118	80.5	0.95 NA	NA	NA	NA	
-0.21, 0.5,	-128 0.0291, 0.8	65	16.3	0.95 NA	NA	NA	NA	
-0.23, 0.5,	-130 0.0291, 0.8	67.4	15.7	0.95 NA	NA	NA	NA	
-0.026, 0.1	-128 0.0291, 0.8	0.148	0.0146	0.95	0.0045	0.0045	0.00296	0.00283
-0.017, 0.1	-130 0.0291, 0.8	0.146	0.0126	0.95	0.00389	0.00389	0.00256	0.00245
-1, 0.54, 0.	-128 0.0291, 0.8	0.356	0.234	0.95	0.0721	0.0722	0.0474	0.0454
-1, 0.52, 0.	-130 0.0291, 0.8	0.36	0.243	0.95	0.075	0.0751	0.0493	0.0472
-1, 0.54, 0.	-128 0.0291, 0.8	0.356	0.234	0.95	0.0721	0.0722	0.0474	0.0454
-1, 0.52, 0.	-130 0.0291, 0.8	0.36	0.243	0.95	0.075	0.0751	0.0493	0.0472
-0.14, 0.39	-128 0.0291, 0.8	0.129	0.0323	0.95	0.00997	0.00998	0.00656	0.00627
-0.15, 0.39	-130 0.0291, 0.8	0.132	0.0309	0.95	0.00953	0.00953	0.00626	0.00599
-0.025, 0.1	-128 0.0291, 0.8	0.154	0.0149	0.95	0.00747	0.00748	0.00491	0.0047
-0.016, 0.1	-130 0.0291, 0.8	0.153	0.0129	0.95	0.00646	0.00646	0.00424	0.00406
-1, 0.54, 0.	-128 0.0291, 0.8	0.378	0.248	0.95	0.124	0.124	0.0815	0.078
-1, 0.52, 0.	-130 0.0291, 0.8	0.382	0.258	0.95	0.129	0.129	0.0848	0.0811
-1, 0.54, 0.	-128 0.0291, 0.8	0.378	0.248	0.95	0.124	0.124	0.0815	0.078
-1, 0.52, 0.	-130 0.0291, 0.8	0.382	0.258	0.95	0.129	0.129	0.0848	0.0811
-0.14, 0.39	-128 0.0291, 0.8	0.134	0.0335	0.95	0.0168	0.0168	0.011	0.0105
-0.15, 0.39	-130 0.0291, 0.8	0.137	0.032	0.95	0.016	0.016	0.0105	0.0101
-0.12, 0.44	-128 0.0291, 0.8	59.6	18.3	0.95	1.54	1.56	0.974	0.932
-0.13, 0.45	-129 0.0291, 0.8	60.2	16.8	0.95	1.42	1.44	0.895	0.857
-0.14, 0.46	-130 0.0291, 0.8	60.2	40.9	0.95	3.45	3.49	2.18	2.09
-0.13, 0.45	-129 0.0291, 0.8	60.2	40.8	0.95	3.45	3.49	2.18	2.08
-0.14, 0.46	-130 0.0291, 0.8	60.2	40.9	0.95	3.45	3.49	2.18	2.09
-0.12, 0.45	-131 0.0291, 0.8	60	40.8	0.95	3.45	3.49	2.18	2.08
-0.14, 0.46	-128 0.0291, 0.8	60.1	40.8	0.95	3.45	3.49	2.18	2.08
-0.13, 0.45	-127 0.0291, 0.8	60.2	40.8	0.95	3.44	3.48	2.17	2.08
-0.066, -0.0	-47.5 0.02, 0.186	56	8.85	0.95 NA	NA	NA	NA	
0.023, -0.0	-47 0.02, 0.186	76.9	11	0.95 NA	NA	NA	NA	
-0.52, 0.21	-48.9 0.02, 0.186	89.2	50	0.95 NA	NA	NA	NA	
-0.49, 0.13	-48.4 0.02, 0.186	118	76.8	0.95 NA	NA	NA	NA	
-0.52, 0.21	-48.9 0.02, 0.186	89.2	50	0.95 NA	NA	NA	NA	
-0.49, 0.13	-48.4 0.02, 0.186	118	76.8	0.95 NA	NA	NA	NA	
-0.24, 0.38	-45.9 0.02, 0.186	48.1 NA		0.95 NA	NA	NA	NA	
-0.024, 0.0	-47 0.02, 0.186	70.3	17.4	0.95 NA	NA	NA	NA	
-0.14, 0.2,	-47.8 0.02, 0.186	48.9	16.3	0.95	2.32	2.39	1.04	0.996
-0.036, 0.1	-47 0.02, 0.186	59	18.1	0.95	2.58	2.66	1.16	1.11
-0.14, 0.2,	-47.8 0.02, 0.186	48.9	26.2	0.95	3.73	3.84	1.67	1.6
-0.036, 0.1	-47 0.02, 0.186	59	37	0.95	5.26	5.42	2.36	2.26
0.03, 0.03,	-49.7 0.02, 0.186	43	25.9	0.95	3.69	3.8	1.66	1.59
0.05, 0.037	-49 0.02, 0.186	56.1	37	0.95	5.25	5.41	2.36	2.26
-0.24, 0.38	-45.9 0.02, 0.186	47.3	19.2	0.95	2.73	2.81	1.23	1.17
-0.037, 0.1	-45 0.02, 0.186	59	36.9	0.95	5.24	5.4	2.36	2.25
-0.13, 0.19	-47.8 0.02, 0.186	54	19.2	0.95	1.96	1.98	1.22	1.17
-0.032, 0.0	-47 0.02, 0.186	64.5	21.3	0.95	2.17	2.2	1.36	1.3
-0.13, 0.19	-47.8 0.02, 0.186	54	28.4	0.95	2.89	2.93	1.81	1.73
-0.032, 0.0	-47 0.02, 0.186	64.5	39.5	0.95	4.01	4.07	2.51	2.4
0.079, -0.0	-49.6 0.02, 0.186	46.2	27.9	0.95	2.84	2.88	1.78	1.7
0.1, -0.017	-49 0.02, 0.186	59.8	39.4	0.95	4	4.06	2.5	2.4
-0.24, 0.38	-45.9 0.02, 0.186	52.2 NA		0.95 NA	NA	NA	NA	

-0.033, 0.0	-45 0.02, 0.186	64.5	39.3	0.95	4	4.05	2.5	2.4
-0.066, -0.1	-47.5 0.02, 0.186	117	40.1	0.95 NA	NA	NA	NA	NA
0.023, -0.0	-47 0.02, 0.186	112	22.6	0.95 NA	NA	NA	NA	NA
-0.52, 0.21	-48.9 0.02, 0.186	140	86.1	0.95 NA	NA	NA	NA	NA
-0.49, 0.13	-48.4 0.02, 0.186	149	96.9	0.95 NA	NA	NA	NA	NA
-0.52, 0.21	-48.9 0.02, 0.186	140	86.1	0.95 NA	NA	NA	NA	NA
-0.49, 0.13	-48.4 0.02, 0.186	149	96.9	0.95 NA	NA	NA	NA	NA
-0.24, 0.38	-45.9 0.02, 0.186	95.7 NA		0.95 NA	NA	NA	NA	NA
-0.024, 0.0	-47 0.02, 0.186	104	25.2	0.95 NA	NA	NA	NA	NA
-0.14, 0.2,	-47.8 0.02, 0.186	74.2	40.2	0.95	5.72	5.89	2.57	2.46
-0.036, 0.1	-47 0.02, 0.186	72.7	27.9	0.95	3.97	4.09	1.78	1.71
-0.14, 0.2,	-47.8 0.02, 0.186	74.2	46.8	0.95	6.66	6.85	2.99	2.86
-0.036, 0.1	-47 0.02, 0.186	72.7	46.1	0.95	6.56	6.75	2.94	2.82
0.03, 0.03,	-49.7 0.02, 0.186	71.6	46.4	0.95	6.6	6.8	2.96	2.84
0.05, 0.037	-49 0.02, 0.186	70.4	46	0.95	6.55	6.74	2.94	2.81
-0.24, 0.38	-45.9 0.02, 0.186	72.4	24.1	0.95	3.42	3.52	1.54	1.47
-0.037, 0.1	-45 0.02, 0.186	72.7	46	0.95	6.53	6.73	2.94	2.81
-0.13, 0.19	-47.8 0.02, 0.186	80.1	45	0.95	4.57	4.64	2.86	2.74
-0.032, 0.0	-47 0.02, 0.186	78.6	32	0.95	3.25	3.3	2.03	1.95
-0.13, 0.19	-47.8 0.02, 0.186	80.1	50.5	0.95	5.13	5.21	3.21	3.08
-0.032, 0.0	-47 0.02, 0.186	78.6	49.1	0.95	4.98	5.06	3.12	2.99
0.079, -0.0	-49.6 0.02, 0.186	76.8	49.8	0.95	5.06	5.13	3.17	3.03
0.1, -0.017	-49 0.02, 0.186	74.9	48.9	0.95	4.97	5.04	3.11	2.98
-0.24, 0.38	-45.9 0.02, 0.186	78.1	28.2	0.95	2.86	2.9	1.79	1.72
-0.033, 0.0	-45 0.02, 0.186	78.6	48.9	0.95	4.97	5.04	3.11	2.98
0.02, -0.11	-200 0.000104,	0.000321	1.33E-08	0.95 NA	NA	NA	NA	NA
-9.9e-08, -	-201 0.000104,	9.42E-06	9.42E-06	0.95 NA	NA	NA	NA	NA
2, -2, 0.11	-191 0.000104,	3.62	2.21	0.95 NA	NA	NA	NA	NA
2.3, -2.4, 0	-189 0.000104,	2.79	1.77	0.95 NA	NA	NA	NA	NA
2, -2, 0.11	-191 0.000104,	3.62	2.21	0.95 NA	NA	NA	NA	NA
2.3, -2.4, 0	-189 0.000104,	2.79	1.77	0.95 NA	NA	NA	NA	NA
0.02, -0.11	-200 0.000104,	5.35E-06	1.29E-10	0.95	4.47E-11	4.33E-11	3.13E-10	3.46E-10
-1.6e-12, -	-201 0.000104,	1.56E-07	1.56E-07	0.95	5.42E-08	5.24E-08	3.80E-07	4.20E-07
2, -2, 0.11	-191 0.000104,	0.0607	0.037	0.95	0.0128	0.0124	0.0901	0.0996
2.3, -2.4, 0	-189 0.000104,	0.0468	0.0296	0.95	0.0103	0.00993	0.072	0.0795
2, -2, 0.11	-191 0.000104,	0.0607	0.037	0.95	0.0128	0.0124	0.0901	0.0996
2.3, -2.4, 0	-189 0.000104,	0.0468	0.0296	0.95	0.0103	0.00993	0.072	0.0795
0.02, -0.11	-200 0.000104,	0.000128	1.31E-09	0.95	1.11E-10	1.12E-10	6.98E-11	6.69E-11
1.9e-07, 2.	-201 0.000104,	3.74E-06	3.74E-06	0.95	3.16E-07	3.20E-07	1.99E-07	1.91E-07
2, -2, 0.11	-191 0.000104,	1.44	0.878	0.95	0.0742	0.0751	0.0468	0.0448
2.3, -2.4, 0	-189 0.000104,	1.11	0.701	0.95	0.0592	0.0599	0.0374	0.0358
2, -2, 0.11	-191 0.000104,	1.44	0.878	0.95	0.0742	0.0751	0.0468	0.0448
2.3, -2.4, 0	-189 0.000104,	1.11	0.701	0.95	0.0592	0.0599	0.0374	0.0358
0.02, -0.11	-200 0.000104,	8.18E-07	8.18E-07	0.95 NA	NA	NA	NA	NA
-9.9e-08, -	-201 0.000104,	7.90E-08	7.90E-08	0.95 NA	NA	NA	NA	NA
2, -2, 0.11	-191 0.000104,	1.46	1.04	0.95 NA	NA	NA	NA	NA
2.3, -2.4, 0	-189 0.000104,	1.36	0.915	0.95 NA	NA	NA	NA	NA
2, -2, 0.11	-191 0.000104,	1.46	1.04	0.95 NA	NA	NA	NA	NA
2.3, -2.4, 0	-189 0.000104,	1.36	0.915	0.95 NA	NA	NA	NA	NA
0.02, -0.11	-200 0.000104,	1.35E-08	1.35E-08	0.95	4.70E-09	4.55E-09	3.29E-08	3.64E-08
-1.6e-12, -	-201 0.000104,	1.31E-09	1.31E-09	0.95	4.53E-10	4.38E-10	3.18E-09	3.51E-09
2, -2, 0.11	-191 0.000104,	0.0245	0.0174	0.95	0.00603	0.00584	0.0423	0.0467

2.3, -2.4, 0	-189	0.000104,	0.0227	0.0153	0.95	0.00532	0.00515	0.0373	0.0412
2, -2, 0.11	-191	0.000104,	0.0245	0.0174	0.95	0.00603	0.00584	0.0423	0.0467
2.3, -2.4, 0	-189	0.000104,	0.0227	0.0153	0.95	0.00532	0.00515	0.0373	0.0412
0.02, -0.11	-200	0.000104,	3.25E-07	3.25E-07	0.95	2.74E-08	2.78E-08	1.73E-08	1.66E-08
1.9e-07, 2.	-201	0.000104,	3.14E-08	3.14E-08	0.95	2.65E-09	2.68E-09	1.67E-09	1.60E-09
2, -2, 0.11	-191	0.000104,	0.581	0.412	0.95	0.0348	0.0352	0.022	0.021
2.3, -2.4, 0	-189	0.000104,	0.538	0.363	0.95	0.0307	0.0311	0.0194	0.0185
2, -2, 0.11	-191	0.000104,	0.581	0.412	0.95	0.0348	0.0352	0.022	0.021
2.3, -2.4, 0	-189	0.000104,	0.538	0.363	0.95	0.0307	0.0311	0.0194	0.0185